



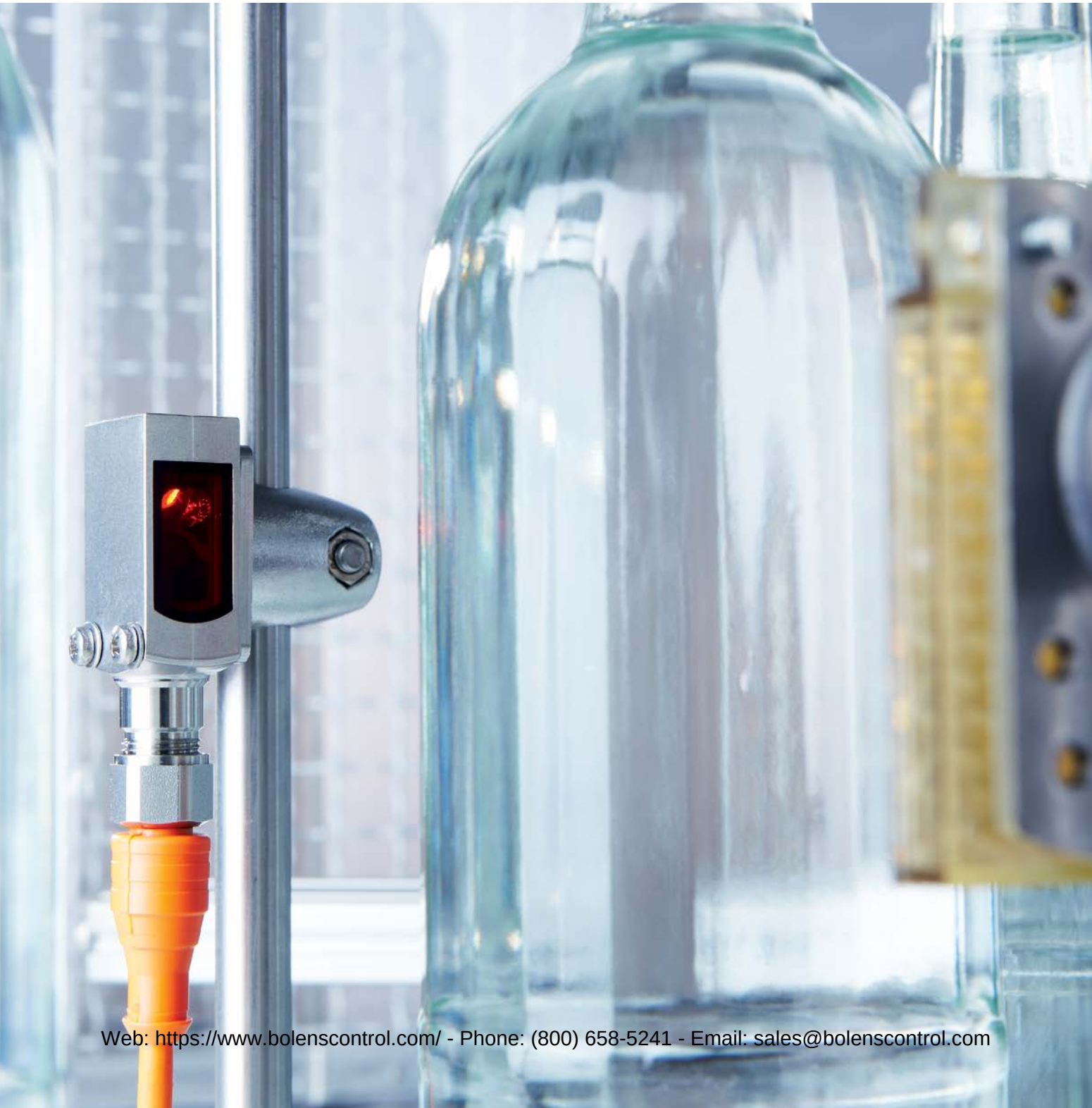
Mounting systems for industrial sensors

Universal bar clamp systems, mounting brackets,
protective devices, alignment brackets and mountings
for cylinder sensors

SICK
Sensor Intelligence.

Web: <https://www.bolenscontrol.com/> - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com

SICK mountings and protective devices matched to SICK sensors: the perfect team for diverse applications in many different industries



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Adjustable, flexible, and universal

UNIVERSAL BAR CLAMP SYSTEMS

for rectangular/cylindrical sensors and reflectors



page 8

The most flexible solution where sensors need to be fixed by means of a bar. Universal bar clamp systems offer secure fixing and variable alignment options.

MOUNTING BRACKETS

for rectangular/cylindrical sensors and lightgrids



page 24

The versatile alternative for all types of sensors and light grids. Floor or wall mounted, articulated arm or rotary bracket: mounting accessories from SICK solve almost any problem.

CLAMPING AND ALIGNMENT BRACKETS

for rectangular/cylindrical sensors



page 52

Flexible alignment, quick mounting, thanks to ball joints, spring bearings and clever fixing components, SICK sensors are always adjusted quickly, accurately and safely.

PROTECTIVE DEVICES

for rectangular sensors



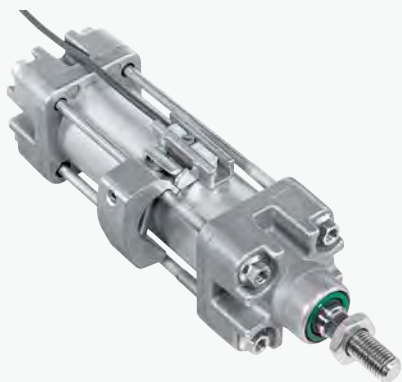
page 66

SICK protective devices ensure the highest level of protection for optical sensors **in adverse conditions**. Protective housings with metal flex tubes, dust shields with air purging and weather protection hoods protect SICK sensors from aggressive environments and mechanical damage.



MOUNTINGS FOR CYLINDER SENSORS

page 74



SICK's brackets for cylinder sensors ensure **perfect interaction** between sensor and lifting cylinder. Whether roundbody cylinder, profile cylinder or tie rod cylinder – SICK offers all the necessary mounting accessories, from the clamp all the way to the tension strap.

SPECIAL ACCESSORIES

for rectangular sensors

page 84



Masks, cooling plates and polarization filters support SICK sensors in critical applications and thus make a significant contribution to reducing machine downtime.



Getting a firm hold and keep the elements out –
mounting and protection for SICK sensors



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Perfect sensor integration made easy

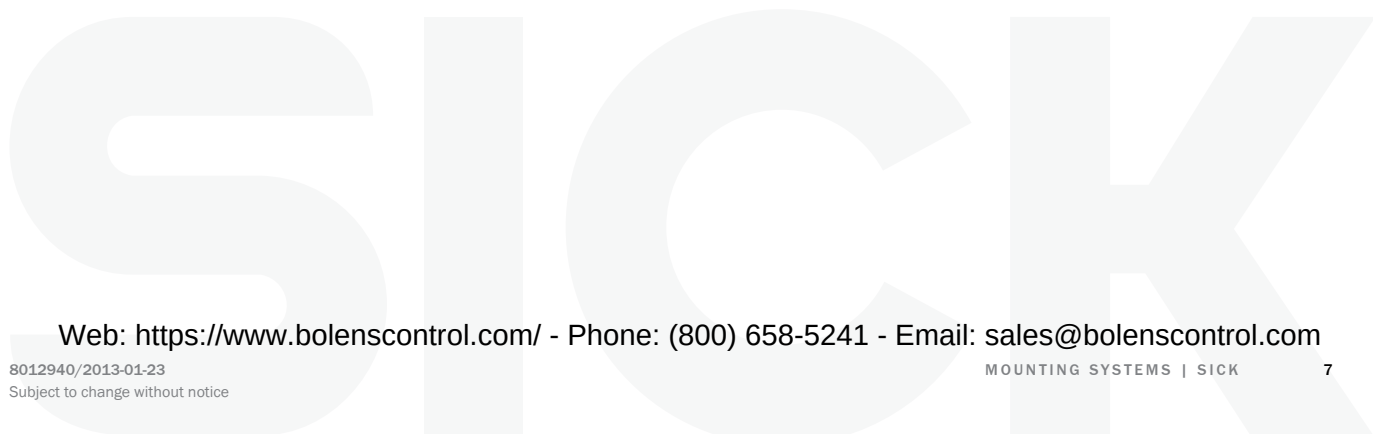
Innovative sensor technology is just one aspect of an intelligent automation solution. To be complete, the solution also needs suitable accessories that ensure reliable and cost-effective integration. Only by using the right integration products is it possible to optimize the effectiveness and performance offered by any application solution. Sensors and mounting systems are perfectly matched. This ensures the highest level of operational safety, while also saving the user development,

manufacture and procurement costs. Since most of our mounting components are always available on short-notice, we can offer you a convenient, single-source supply of all the parts and accessories you need for your sensor system. If you require a customized solution, then that's also no problem – customer-specific developments and adaptations can be realized very quickly.

Flexible solutions for any application

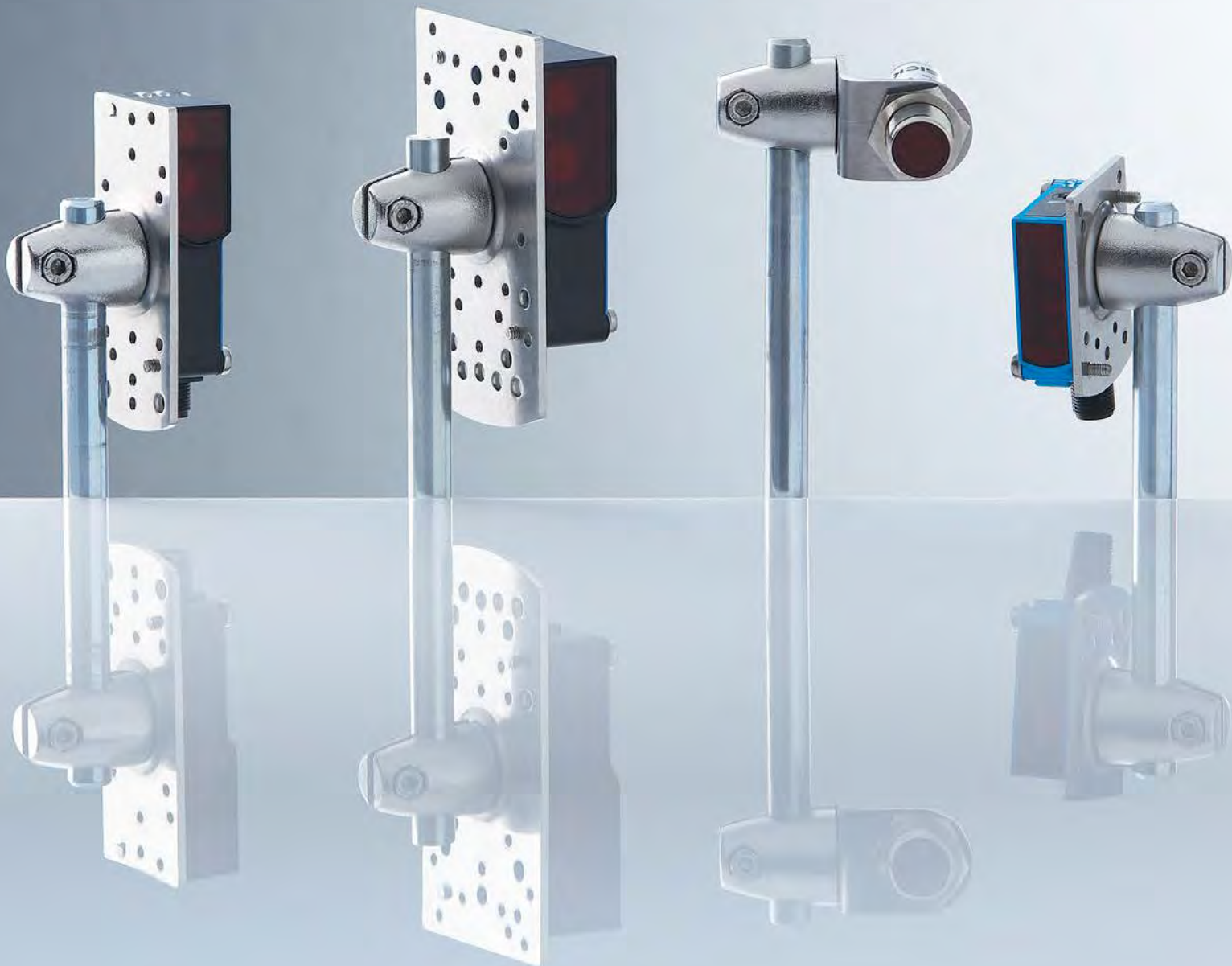
The mounting is the interface between the sensor system and the many different application requirements. Installing the sensor on the mounting system should also be safe, easy and convenient. Mounting solutions by SICK – the solution for reliable sensor integration.

SENSOR TECHNOLOGY AND MOUNTING SYSTEMS



Web: <https://www.bolenscontrol.com/> - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com

Universal bar clamp systems for mounting sensors with maximum adjustability and functionality





Integration of SICK sensor solutions is more flexible than ever before with the SICK universal bar clamp system! The large selection of sensor mounting plates, together with various mounting rods, offers maximum adjustability, secure fixing and universal alignment options for almost any application. At SICK, you'll find everything you need!

UNIVERSAL BAR CLAMP SYSTEMS

Universal bar clamp
systems

mounting brackets

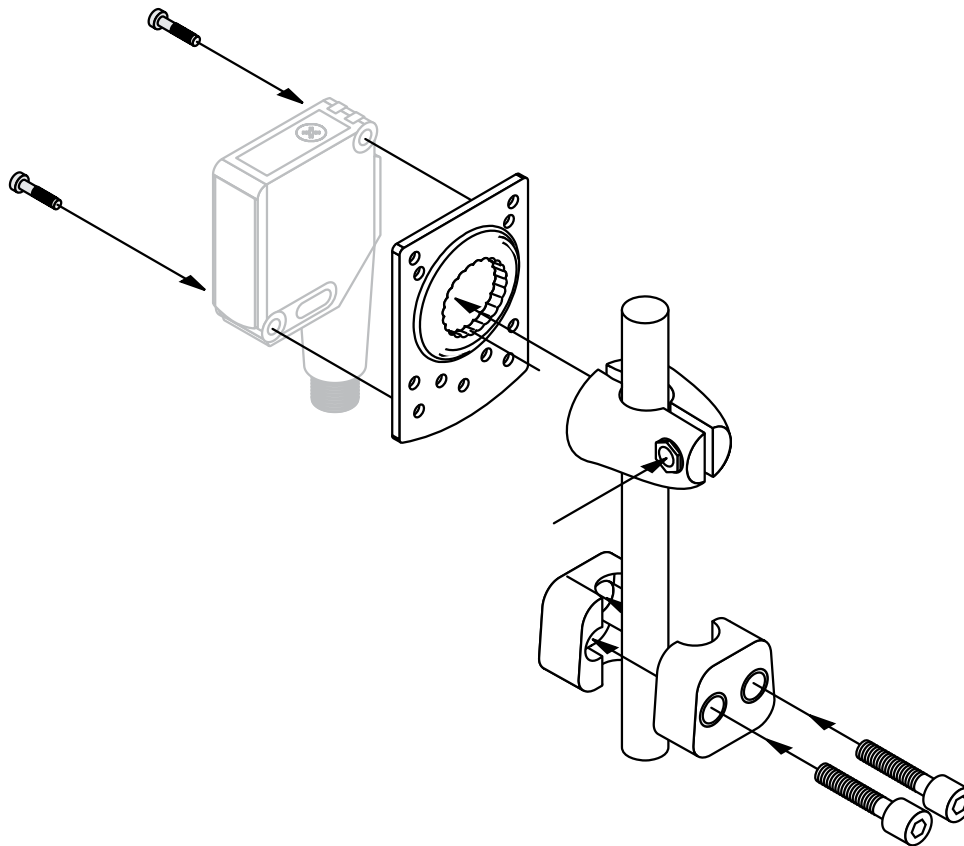
Clamping and alignment
brackets

protective devices

Mountings for
cylinder sensors

Special accessories

Function principle

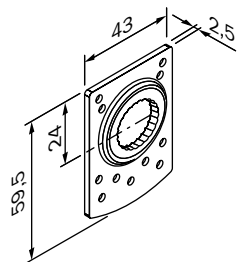




BEF-KHS-N02(N)

Plate N02(N)
for universal clamp

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N02 ¹⁾	2051608
BEF-KHS-N02N ²⁾	2051618

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

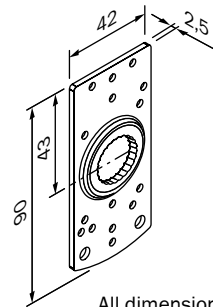
W4S-3 INOX	W9-M4	W11-2	W12-3	W160	W250	P250	UC12
KT2	DT2						



BEF-KHS-N03(N)

Plate N03(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N03 ¹⁾	2051609
BEF-KHS-N03N ²⁾	2051619

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

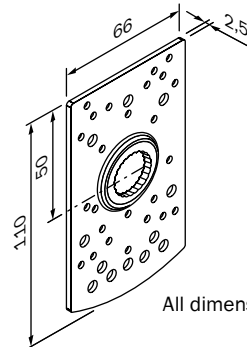
W11-2	W12-3	W14-2	W18-3	W24-2	UC12	KT2	DT2
DT10	DT35	PL20A	PL30A	PL40A	PL50A	PL80A	P250



BEF-KHS-N04(N)

Plate N04(N)
for universal clamp

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N04 ¹⁾	2051610
BEF-KHS-N04N ²⁾	2051620

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

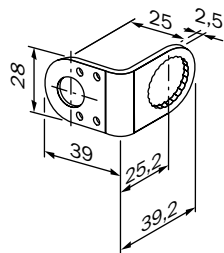
W11-2	W12-3	W14-2	W18-3	W23-2	W24-2	W27-3	W260
W280	W30	W32	W34	W36	PL20A	PL40A	PL50A
PL80A	P250	UC12	KT2	DT2	DT10	DS30	DS40
DT50/D550/DL50	DT60/D560/DL60						



BEF-KHS-N05(N)

Plate N05(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N05 ¹⁾	2051611
BEF-KHS-N05N ²⁾	2051621

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

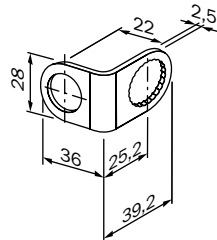
W4-3	V12-2	IM12	IME12	IMF12	MM12	UC4



BEF-KHS-N06(N)

Plate N06(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N06 ¹⁾	2051612
BEF-KHS-N06N ²⁾	2051622

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

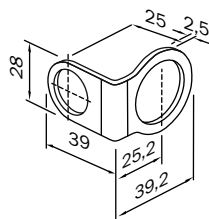
W15	MH15	V18	V180-2	IM18	IME18	IMF18	MM18
CM18	UM18	KT1M					



BEF-KHS-N10(N)

Plate N10(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm



Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N10 ¹⁾	2062372
BEF-KHS-N10N ²⁾	2062373

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

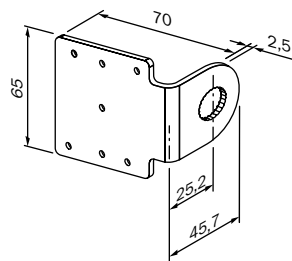
²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)



BEF-KHS-N07(N)

Plate N07(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N07 ¹⁾	2051613
BEF-KHS-N07N ²⁾	2051623

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

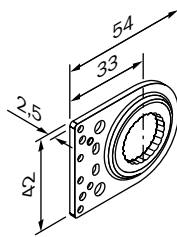




BEF-KHS-N08(N)

Plate N08(N)
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	Incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-KHS-N08 ¹⁾	2051607
BEF-KHS-N08N ²⁾	2051616

¹⁾ Plate: Steel, galvanised;
Clamps: zinc, die-cast

²⁾ Plate: Stainless steel (1.4571)
Clamps: Stainless steel (1.4408)

W4-3	W4S-3	W8	W100	W140-2	W150	W170	W9-3
KT3	KT5-2	KT8/KT10-2	CS8	CSL1	LUT2-2	LUT3/LUT8/LUT9	CSM1

Universal bar clamp systems

mounting brackets

Clamping and alignment brackets

protective devices

Mountings for cylinder sensors

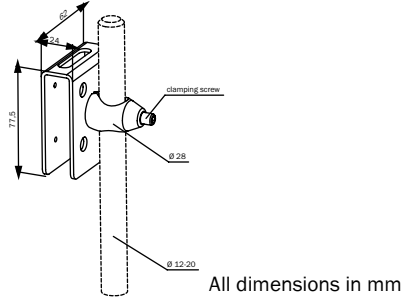
Special accessories



BEF-SG-W12-3

Protection hood
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	
Protection hood	Steel, galvanised
Clamps	zinc, die-cast
Delivery	incl. universal bar clamp and mounting material

Order informations

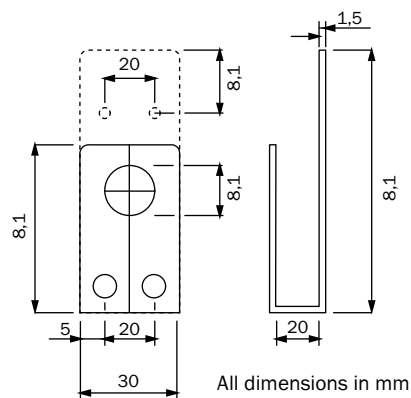
Type	Order no.
BEF-SG-W12-3	2045175



BEF-SG-W14

Protection hood
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	
Protection hood	Steel, galvanised
Clamps	zinc, die-cast
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-SG-W14	2058124

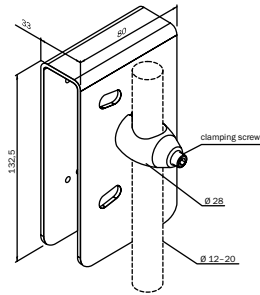




BEF-SG-W27

Protection hood
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Protection hood	Steel, galvanised
Clamps	zinc, die-cast
Delivery	incl. universal bar clamp and mounting material

Order information

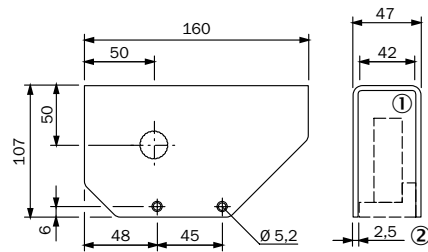
Type	Order no.
BEF-SG-W27	2039601



OBW-KHS-M01

Weather protection hood
for Universal bar clamp systems

Dimensional drawing



All dimensions in mm

① Sensor

② Base holder with mounting material
included with delivery

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

Type	Order no.
OBW-KHS-M01	2023240

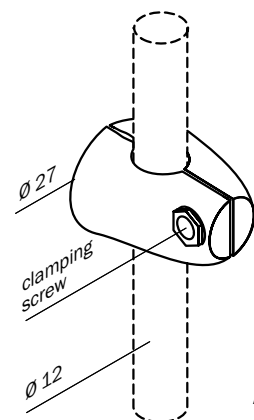




BEF-KHS-KH3(N)

Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

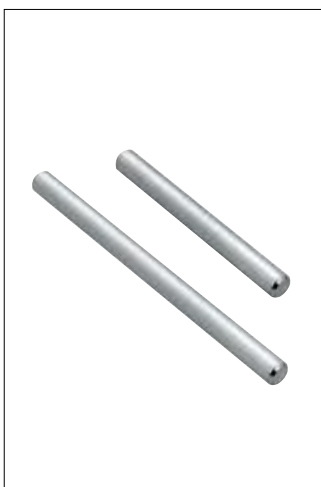
Material	see order informations
Delivery	incl. clamping screw

Order informations

Type	Order no.
BEF-KHS-KH3 ¹⁾	5322626
BEF-KHS-KH3N ²⁾	5322627

¹⁾ zinc, die-cast

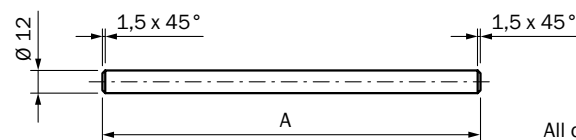
²⁾ Stainless steel (1.4408)



BEF-MS12G-(N)x

mounting rod straight

Dimensional drawing



All dimensions in mm

Order informations

Type	Order no.	Maß A
BEF-MS12G-A ¹⁾	4056054	200 mm
BEF-MS12G-NA ²⁾	4058914	200 mm
BEF-MS12G-B ¹⁾	4056055	300 mm
BEF-MS12G-NB ²⁾	4058915	300 mm

¹⁾ Steel, galvanised

²⁾ Stainless steel (1.4571)

Technical data

Material	see order informations
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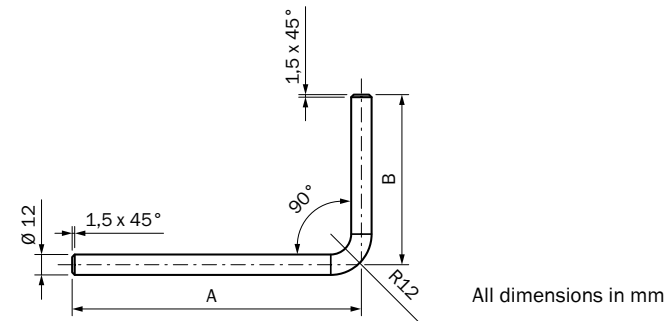


BEF-MS12L-(N)x mounting rod L-shaped

Technical data

Material	see order informations
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Dimensional drawing

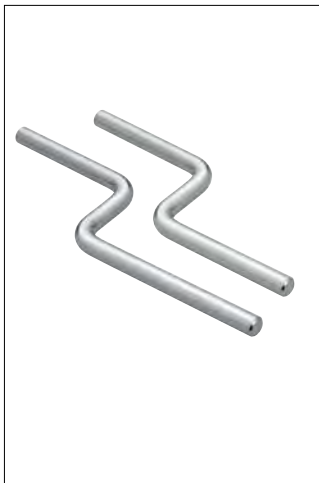


Order informations

Type	Order no.	Maß A	Maß B
BEF-MS12L-A ¹⁾	4056052	150 mm	150 mm
BEF-MS12L-NA ²⁾	4058912	150 mm	150 mm
BEF-MS12L-B ¹⁾	4056053	250 mm	250 mm
BEF-MS12L-NB ²⁾	4058913	250 mm	250 mm

¹⁾ Steel, galvanised

²⁾ Stainless steel (1.4571)

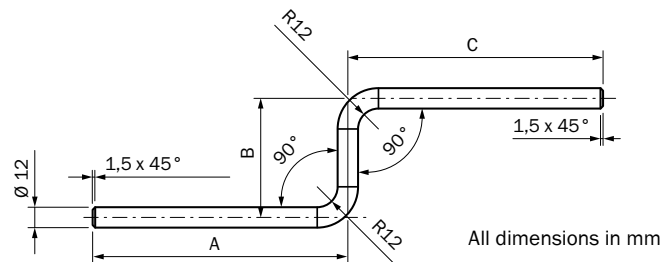


BEF-MS12Z-(N)x mounting rod Z-shaped

Technical data

Material	see order informations
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Dimensional drawing



Order informations

Type	Order no.	Maß A	Maß B	Maß C
BEF-MS12Z-A ¹⁾	4056056	150 mm	70 mm	150 mm
BEF-MS12Z-NA ²⁾	4058916	150 mm	70 mm	150 mm
BEF-MS12Z-B ¹⁾	4056057	150 mm	70 mm	250 mm
BEF-MS12Z-NB ²⁾	4058917	150 mm	70 mm	250 mm

¹⁾ Steel, galvanised

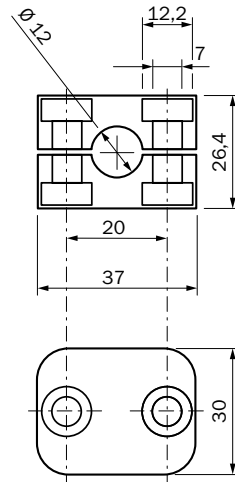
²⁾ Stainless steel (1.4571)



BEF-RMC-D12

Rod mounting clamp

Dimensional drawing



All dimensions in mm

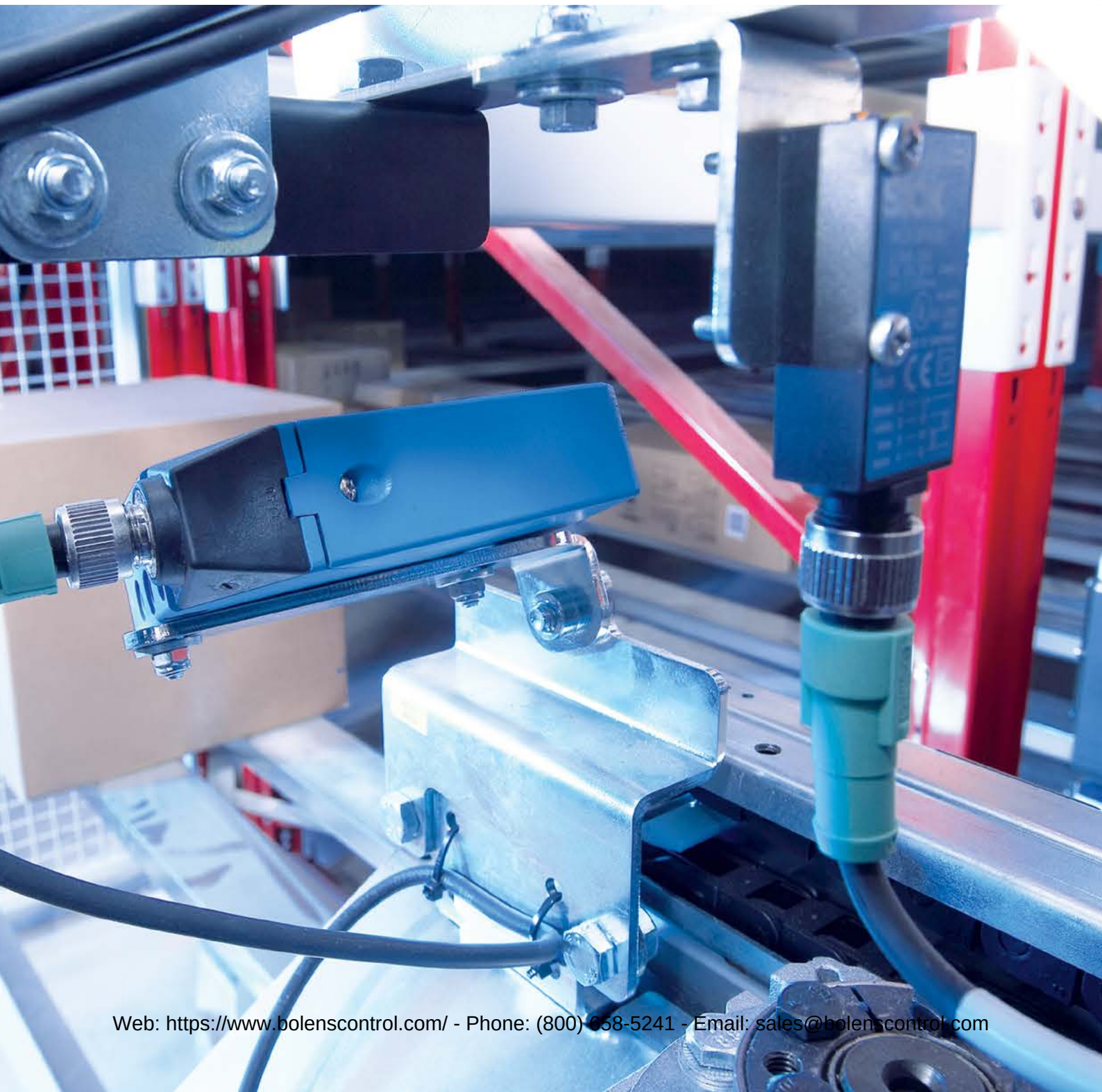
Technical data

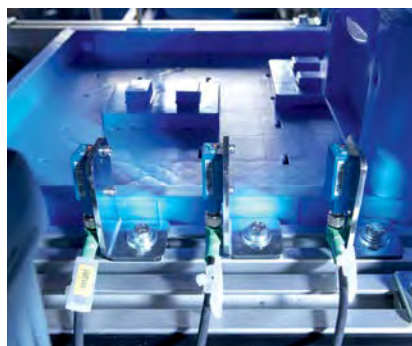
Material	
Rod	Aluminium
screws, spring washers	Steel, zinc/ nickel-plated
Delivery	2 x screws M6x30, 2 x spring washers

Order informations

Type	Order no.
BEF-RMC-D12	5321878

Mounting brackets – the versatile alternative





SICK mounting brackets offer reliable quality and intelligent details – for every SICK sensor. Easy mounting and high functionality ensure short downtimes for machine changeovers and fast commissioning of industrial installations.

For rectangular sensors from page 25

For cylindrical sensors from page 42

**For light grids
and distance sensors from page 46**

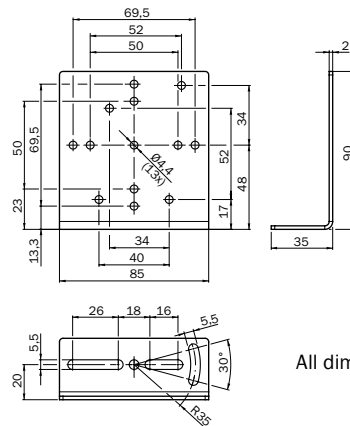
MOUNTING BRACKETS



BEF-WN-REFX

Universal mounting bracket
for reflectors

Dimensional drawing



All dimensions in mm

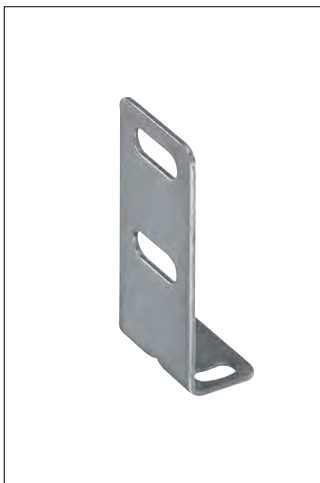
C110A	P250	PL20A	PL30A	PL40A	PL80A

Technical data

Material	Steel, galvanised
----------	-------------------

Order informations

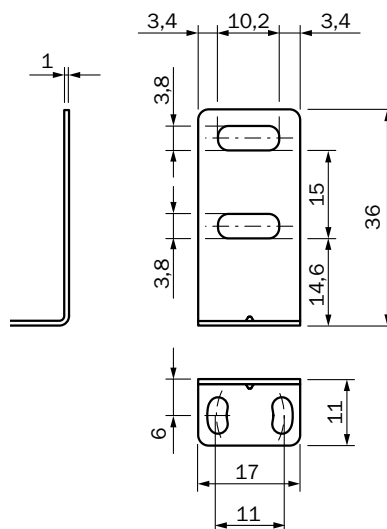
Type	Order no.
BEF-WN-REFX	2064574



BEF-W2S-A

Mounting bracket for
floor mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
----------	-----------------------------

Order informations

Type	Order no.
BEF-W2S-A	4034748

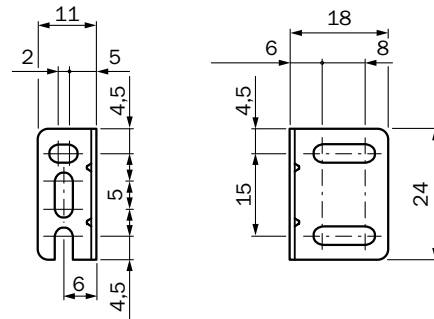




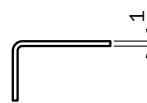
BEF-W2S-B

Mounting bracket for wall mounting

Dimensional drawing



All dimensions in mm



Technical data

Material	Stainless steel (1.4305)
----------	--------------------------

Order informations

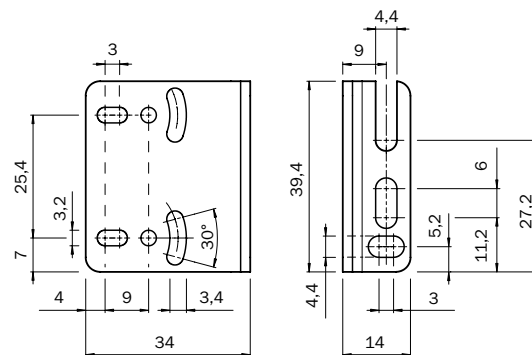
Type	Order no.
BEF-W2S-B	4034749



BEF-W4-A

Mounting bracket for wall mounting

Dimensional drawing



All dimensions in mm



Technical data

Material	Stainless steel (1.4305)
----------	--------------------------

Order informations

Type	Order no.
BEF-W4-A	2051628

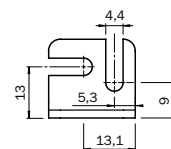
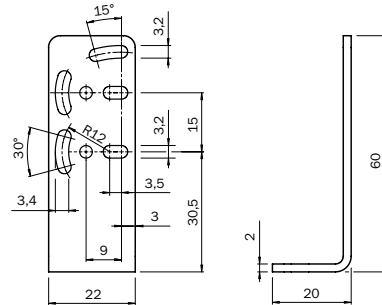




BEF-W4-B

Mounting bracket for
wall mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
----------	-----------------------------

Order informations

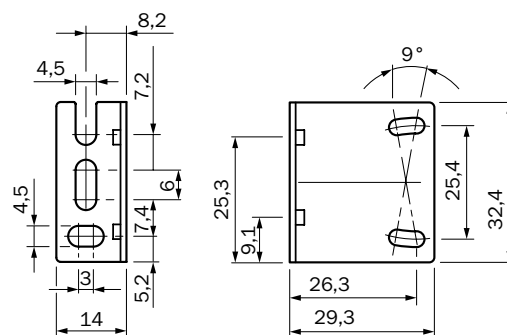
Type	Order no.
BEF-W4-B	2051630



BEF-W100-A

Mounting bracket for
wall mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

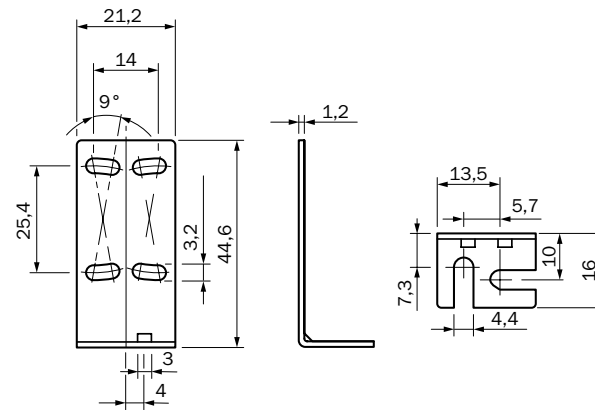
Type	Order no.
BEF-W100-A	5311520



BEF-W100-B

Mounting bracket for floor mounting

Dimensional drawing



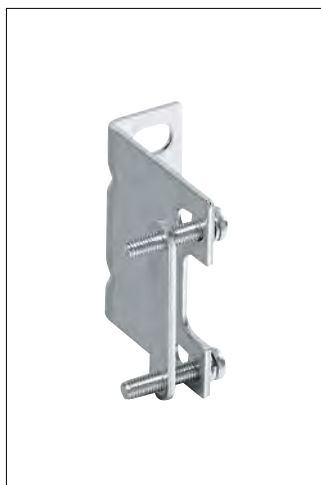
Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-W100-B	5311521

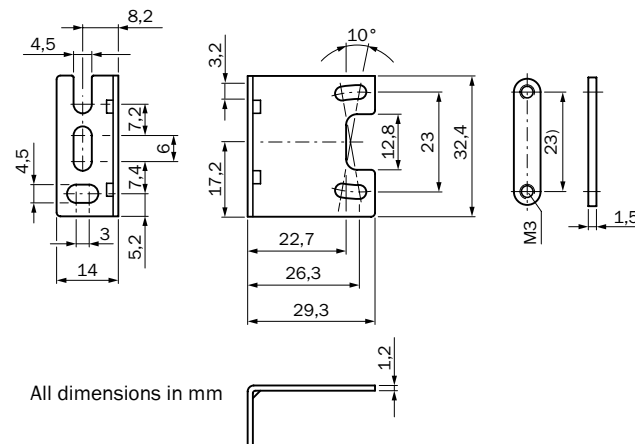
All dimensions in mm



BEF-W140A

Mounting bracket for wall mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-W140A	5308098

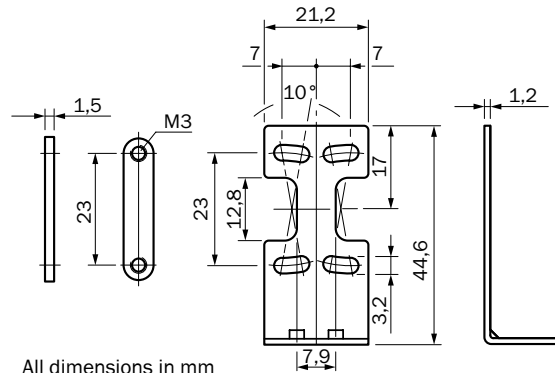




BEF-W140-B

Mounting bracket for
floor mounting

Dimensional drawing



All dimensions in mm



Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

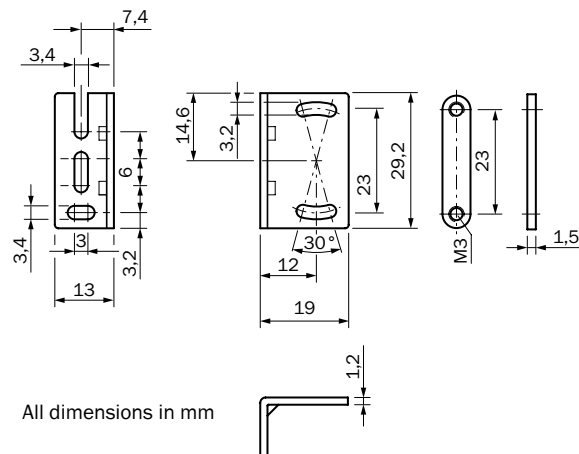
Type	Order no.
BEF-W140-B	5308519



BEF-W150-A

Mounting bracket for
wall mounting

Dimensional drawing



All dimensions in mm



Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

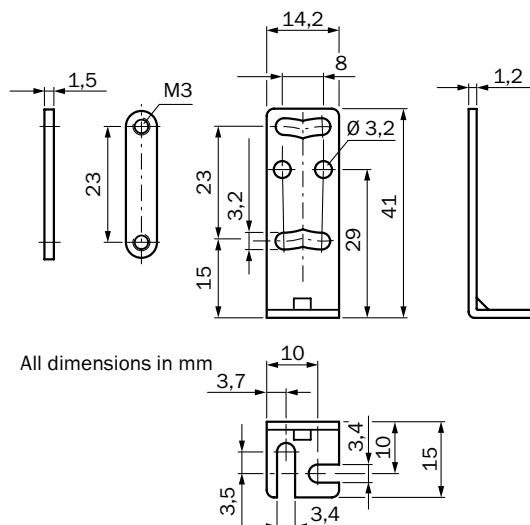
Type	Order no.
BEF-W150-A	5306217



BEF-W150-B

Mounting bracket for floor mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-W150-B	5306279

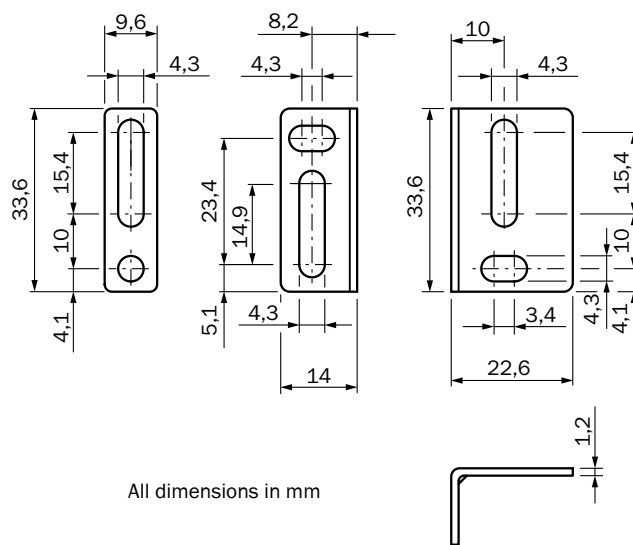
W150



BEF-W160

Mounting bracket for wall mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

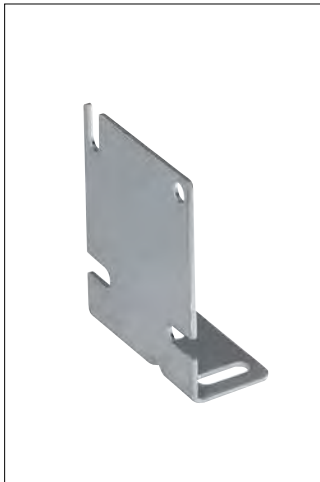
Order information

Type	Order no.
BEF-W160	5305197

W160

W9M4

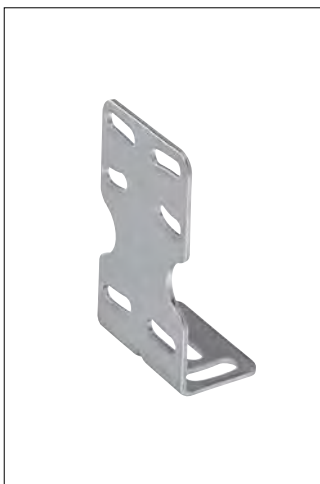
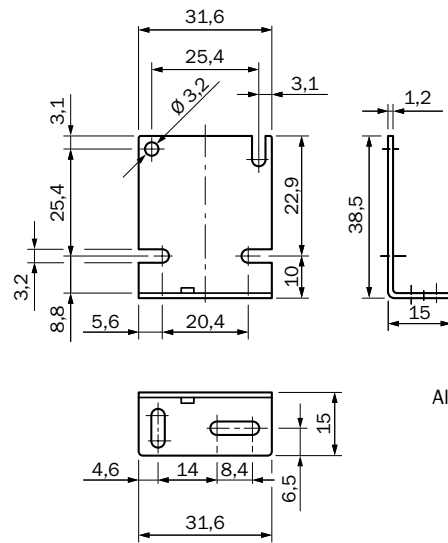




BEF-W170

Mounting brackets

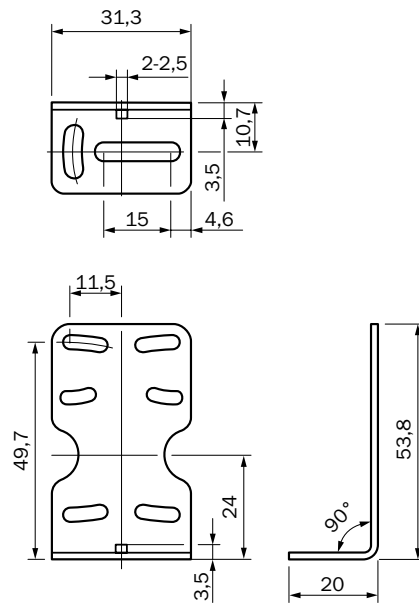
Dimensional drawing



BEF-W190

Mounting brackets

Dimensional drawing



Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-W170	5305686

Technical data

Material	Stainless steel (1.4305)
Delivery	incl. mounting material

Order informations

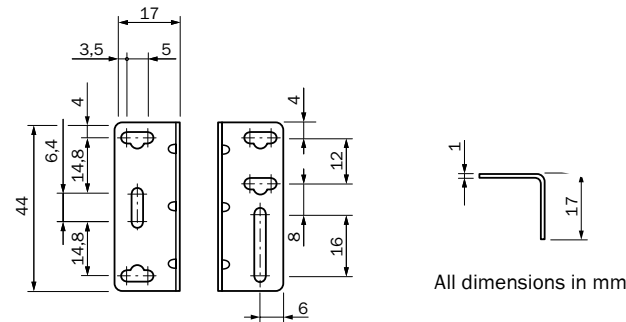
Type	Order no.
BEF-W190	5311362



BEF-WN-W9-2

Mounting bracket for wall mounting

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

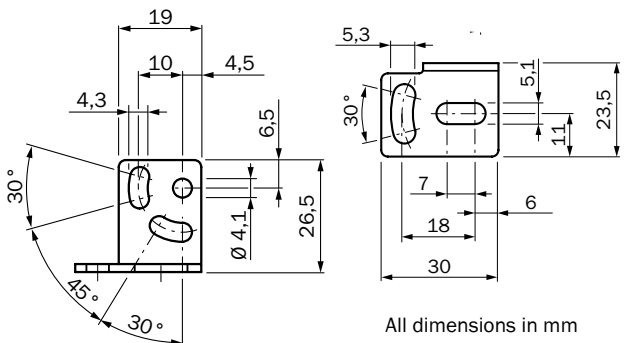
Type	Order no.
BEF-WN-W9-2	2022855



BEF-WK-W12

Mounting brackets small

Dimensional drawing



Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

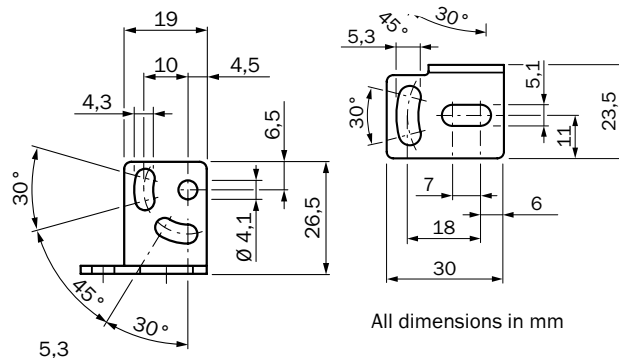
Type	Order no.
BEF-WK-W12	2012938



BEF-WG-W12

Mounting brackets
large

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

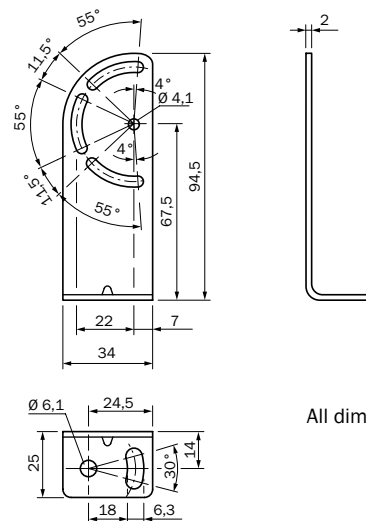
Type	Order no.
BEF-WG-W12	2013942

W11-2	W12-3	UC12	KT2	DT2

BEF-WN-W14

Mounting brackets

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

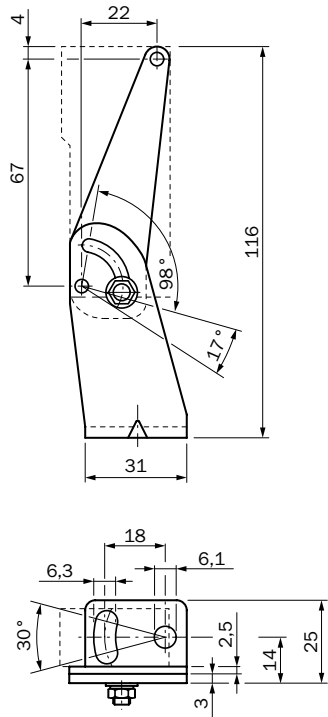
Type	Order no.
BEF-WN-W14	2019084

W14-2	W18-3	DT10



BEF-WN-W18
Mounting bracket with articulated arm

Dimensional drawing



All dimensions in mm

W14-2	W18-3	DT10

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

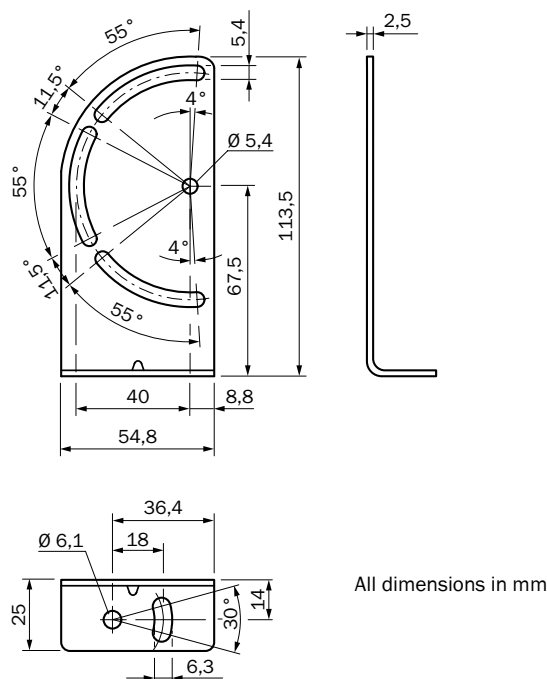
Type	Order no.
BEF-WN-W18	2009317



BEF-WN-W23

Mounting brackets

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-WN-W23	2019085

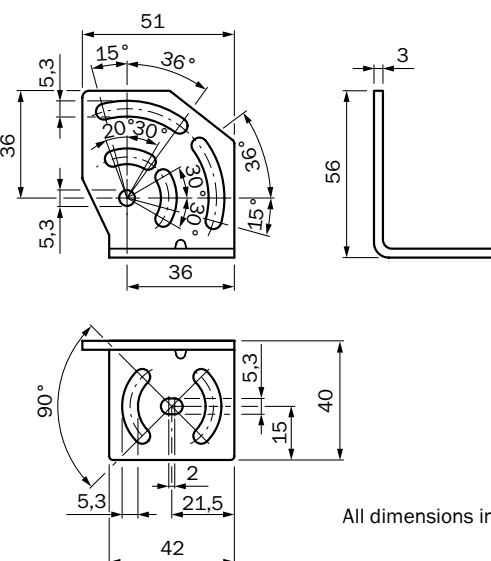
W23-2	W27-3	DS30



BEF-WK-W24

Mounting brackets

Dimensional drawing

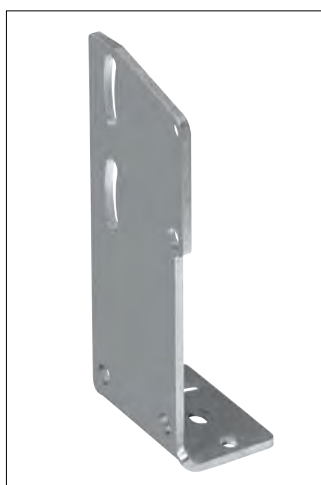


Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

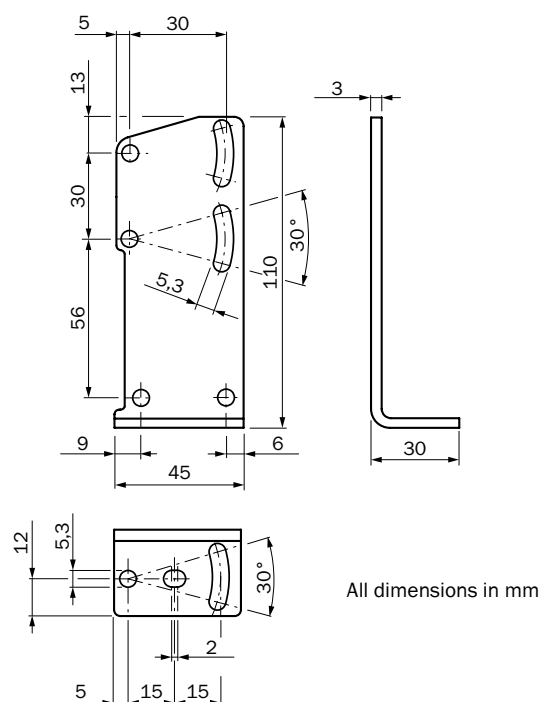
Type	Order no.
BEF-WK-W24	4027532



BEF-WN-W24

Mounting brackets

Dimensional drawing



Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

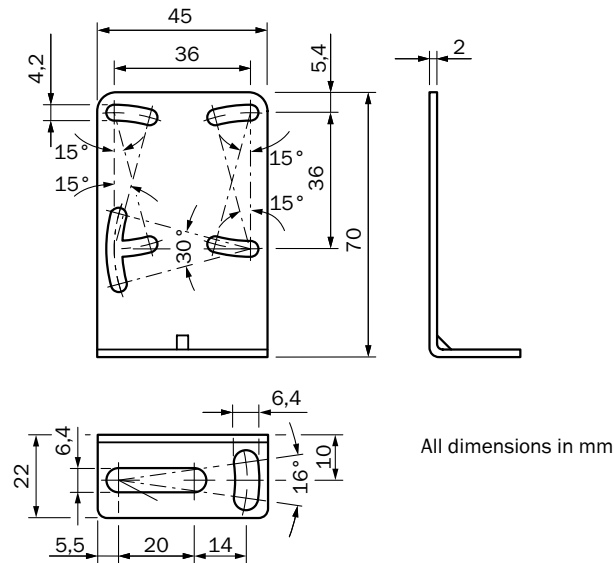
Type	Order no.
BEF-WN-W24	2015248



BEF-W250

Mounting brackets

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

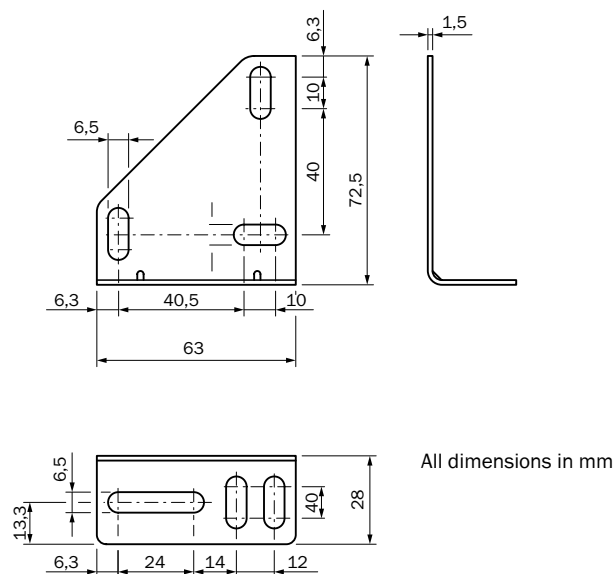
Type	Order no.
BEF-W250	5305850



BEF-W260

Mounting brackets

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

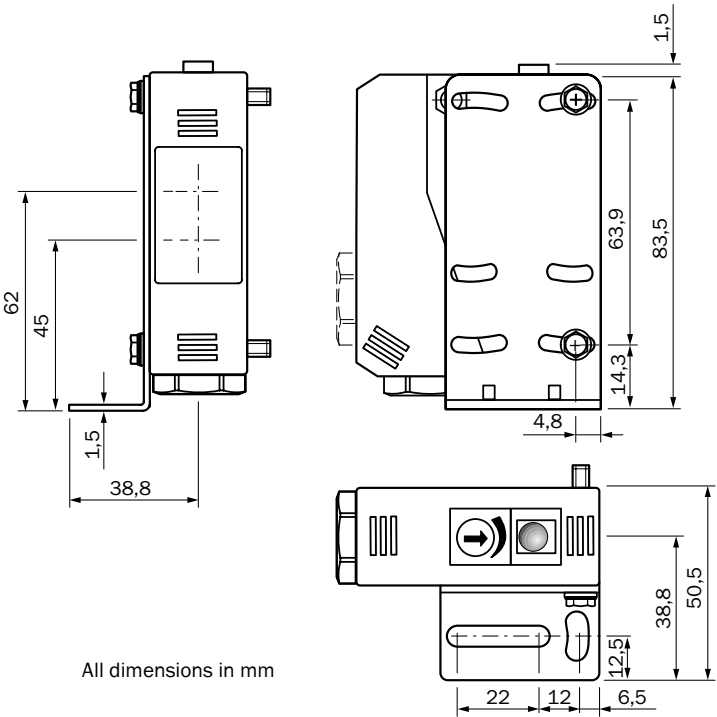
Order information

Type	Order no.
BEF-W260	5304819



BEF-W280
Mounting brackets

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-W280	5313885

Universal bar clamp systems

mounting brackets

Clamping and alignment brackets

protective devices

Mountings for cylinder sensors

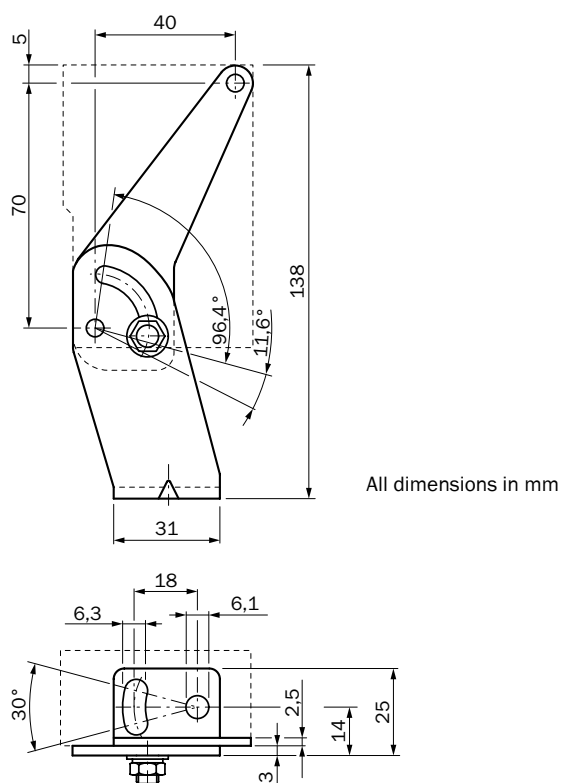
Special accessories



BEF-WN-W27

Mounting brackets
with articulated arm

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

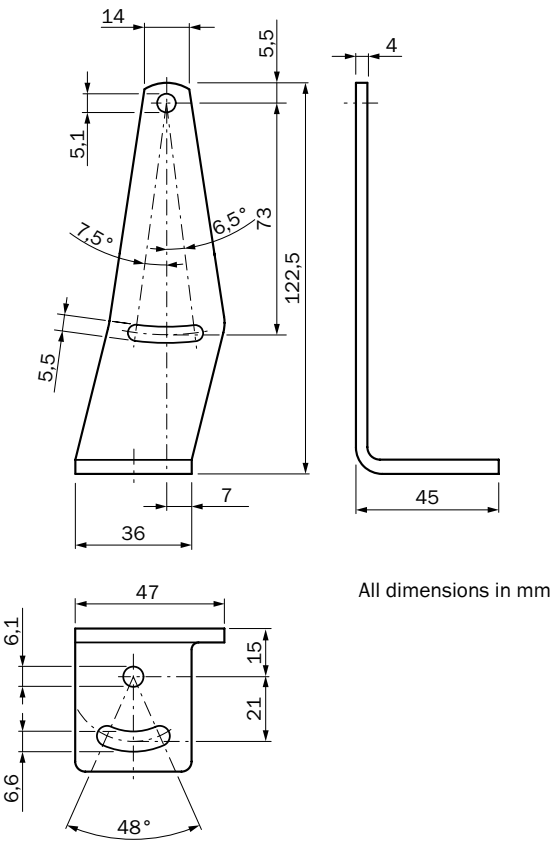
Type	Order no.
BEF-WN-W27	2009122





BEF-WN-W32
Mounting brackets

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-WN-W32	2005806

W30	W32	W34	W36

Universal bar clamp systems

mounting brackets

Clamping and alignment brackets

protective devices

Mountings for cylinder sensors

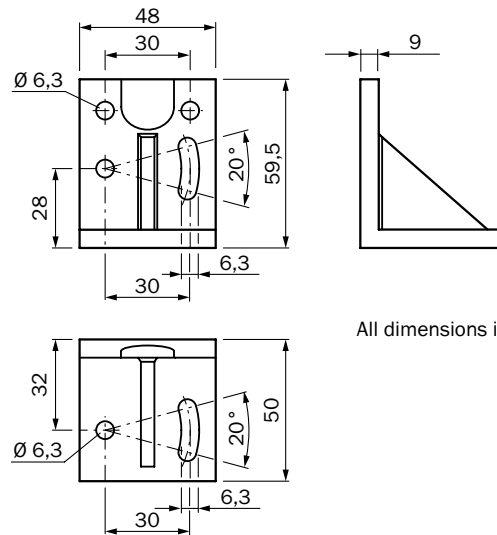
Special accessories



BEF-WN-W45

Mounting brackets

Dimensional drawing



All dimensions in mm

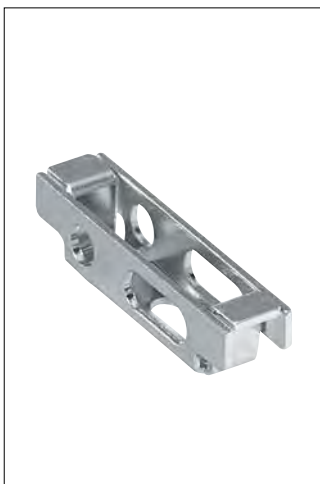


Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

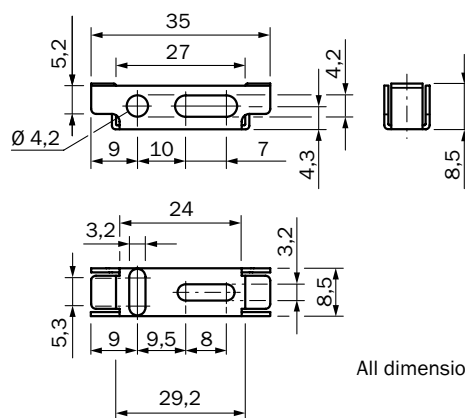
Type	Order no.
BEF-WN-W45	2011480



BEF-WLL170

Mounting brackets

Dimensional drawing



All dimensions in mm



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

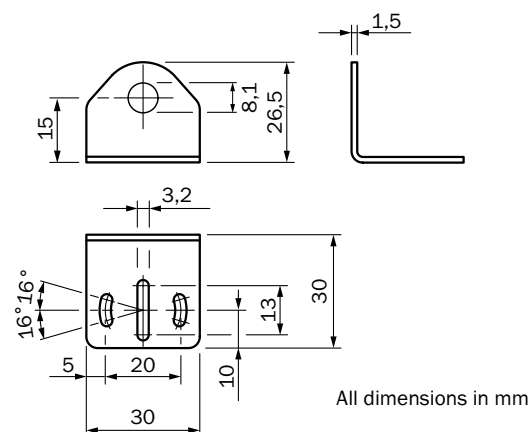
Type	Order no.
BEF-WLL170	5306574



BEF-WN-M08

Mounting brackets
for M8 sensors

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	Mounting hardware not included

Order informations

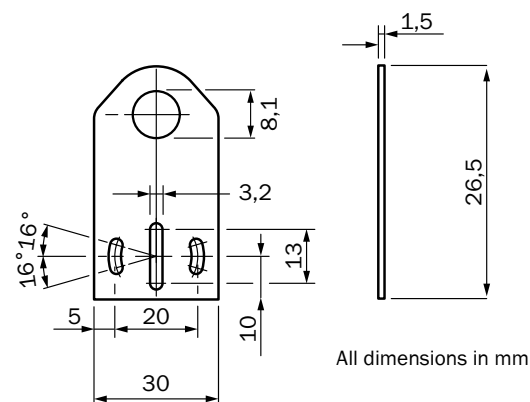
Type	Order no.
BEF-WN-M08	5321721



BEF-WG-M08

Mounting plate
for M8 sensors

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	Mounting hardware not included

Order informations

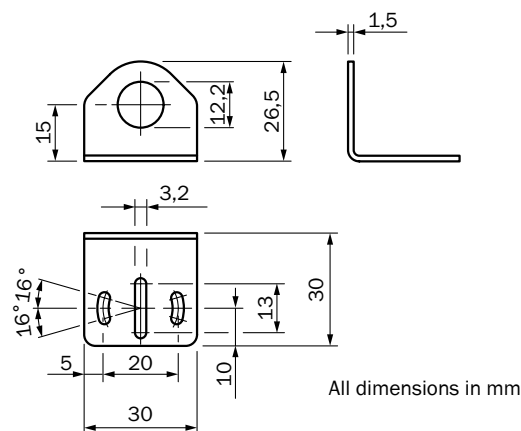
Type	Order no.
BEF-WG-M08	5321722



BEF-WN-M12(N)

Mounting brackets
for M12 sensors

Dimensional drawing



Technical data

Material	see order informations
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-WN-M12 ¹⁾	5308447
BEF-WN-M12N ²⁾	5320949

¹⁾ Steel, galvanised

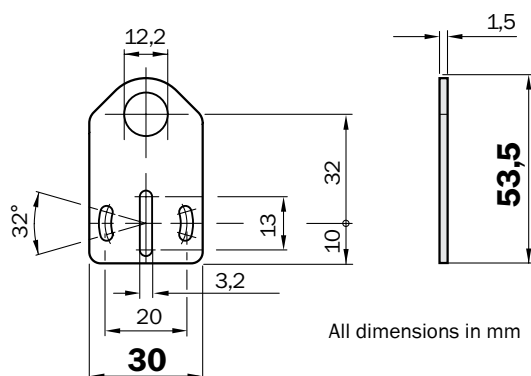
²⁾ Stainless steel (1.4404)



BEF-WG-M12(N)

Mounting plate
for M12 sensors

Dimensional drawing



Technical data

Material	see order informations
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-WG-M12 ¹⁾	5321869
BEF-WG-M12N ²⁾	5320950

¹⁾ Steel, galvanised

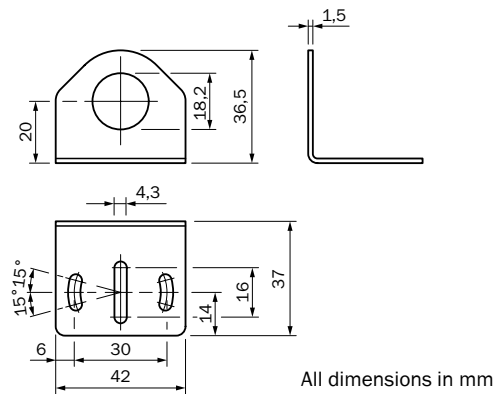
²⁾ Stainless steel (1.4404)



BEF-WN-M18(N)

Mounting brackets
for M18 sensors

Dimensional drawing



Technical data

Material	see order informations
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-WN-M18 ¹⁾	5308446
BEF-WN-M18N ²⁾	5320947

¹⁾ Steel, galvanised

²⁾ Stainless steel (1.4404)

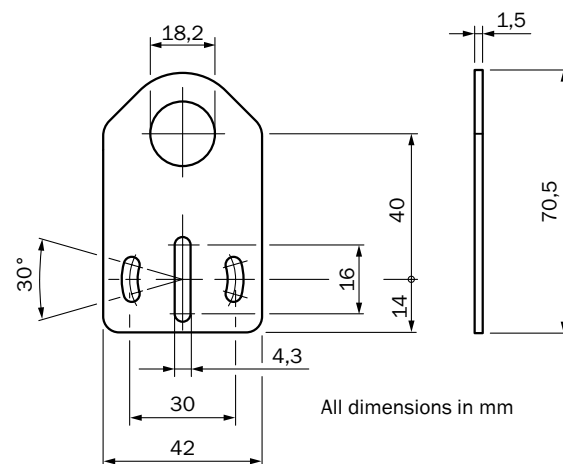
MH15	V18	V180-2	IM18	MM18	CM18	UM18	KT1M



BEF-WG-M18(N)

Mounting plate
for M18 sensors

Dimensional drawing



Technical data

Material	see order informations
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-WG-M18 ¹⁾	5321870
BEF-WG-M18N ²⁾	5320948

¹⁾ Steel, galvanised

²⁾ Stainless steel (1.4404)

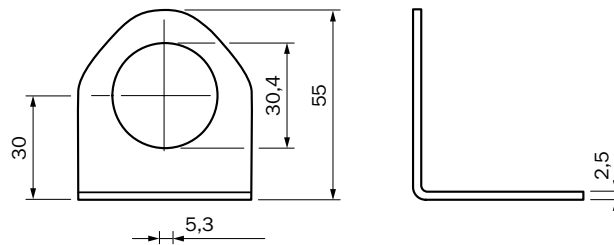
MH15	V18	V180-2	IM18	MM18	CM18	UM18	KT1M



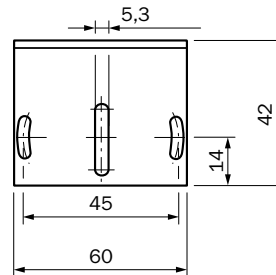
BEF-WN-M30

Mounting brackets

Dimensional drawing



All dimensions in mm



Technical data

Material	Steel, galvanised
Delivery	Mounting hardware not included

Order informations

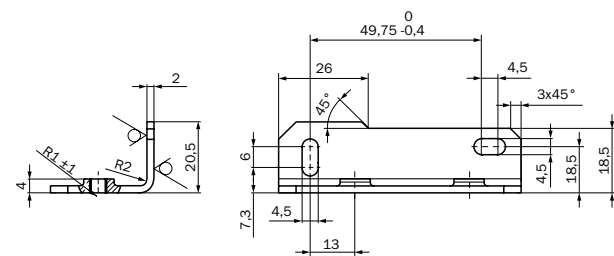
Type	Order no.
BEF-WN-M30	5308445



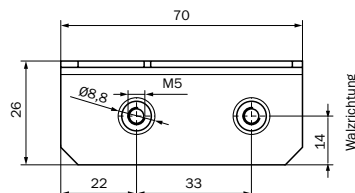
BEF-WK-WTR

Mounting brackets

Dimensional drawing



All dimensions in mm



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-WK-WTR	2051786

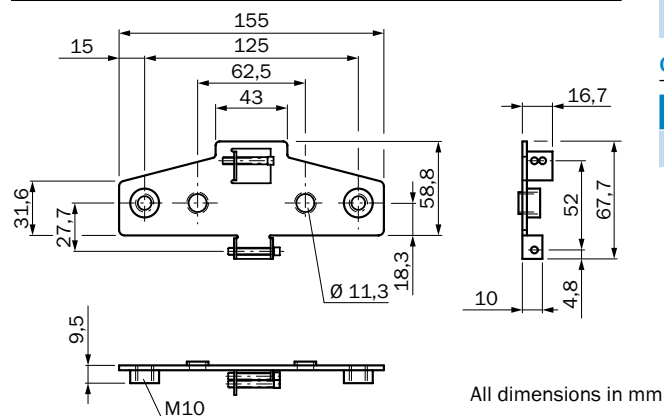




BEF-WN-WTR

Mounting plate

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-WN-WTR	2017417



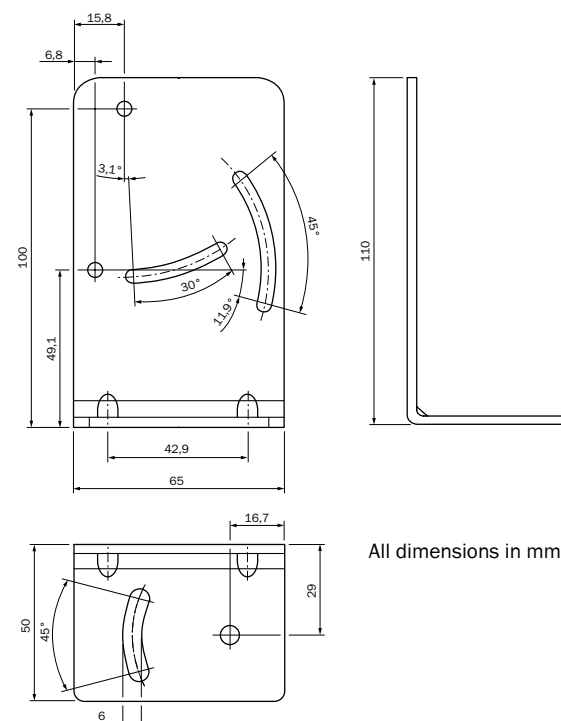
WTR



BEF-WN-DT20

Mounting brackets

Dimensional drawing



Technical data

Material	Stainless steel (1.4301)
Delivery	Mounting hardware not included

Order information

Type	Order no.
BEF-WN-DT20	4043524



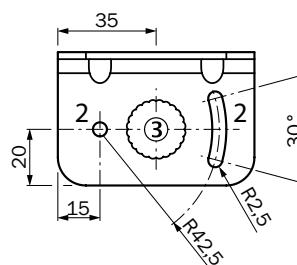
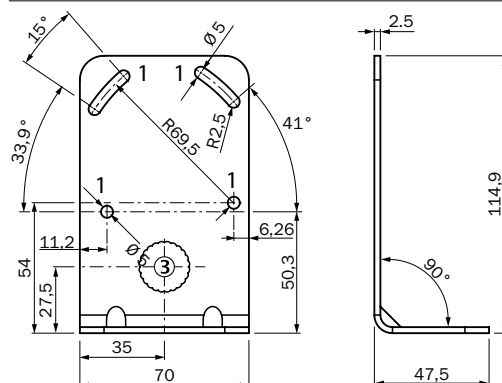
DT20



BEF-WN-DX50

Mounting brackets

Dimensional drawing



Alle Maße in mm

Technical data

Material	Steel, galvanised
Delivery	Mounting hardware included

Order informations

Type	Order no.
BEF-WN-DX50	2048370

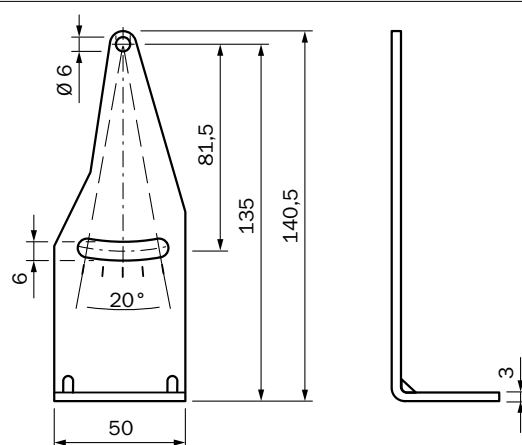
All dimensions in mm



BEF-WN-DS60

Mounting brackets

Dimensional drawing



All dimensions in mm

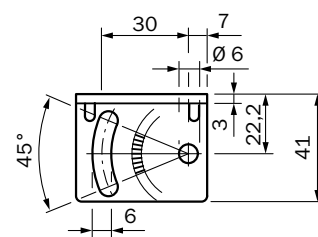


Technical data

Material	Stainless steel (1.4301)
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-WN-DS60	4032937

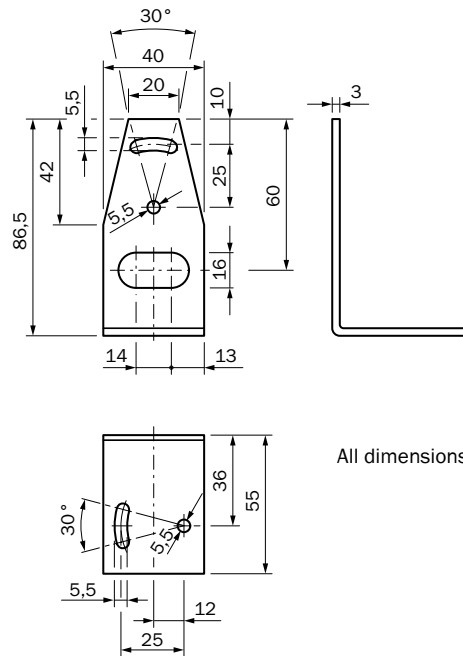




BEF-WN-WLG12

Mounting brackets

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-WN-WLG12	2017567

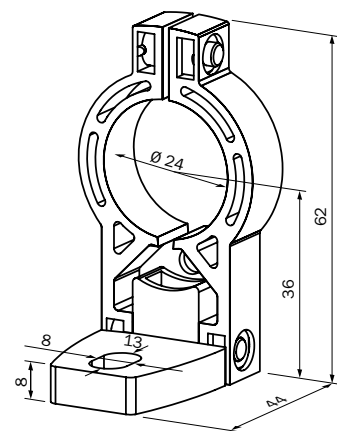


WL12

Mounting kit 1

Rotary bracket

Dimensional drawing



All dimensions in mm

Technical data

Material	Plastic (PA6)
Delivery	2 pairs incl. Mounting material

Order information

Type	Order no.
Mounting kit 1	2019649

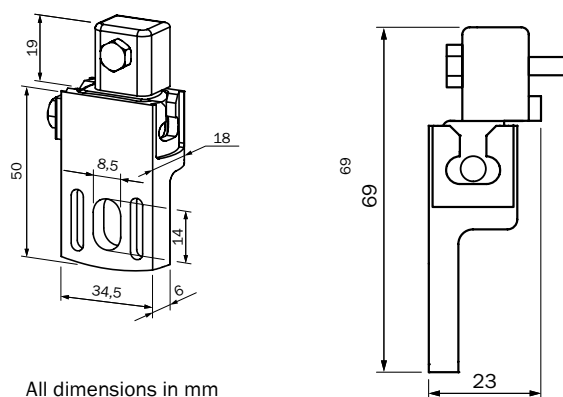




BEF-NUT-MLG

Side mounting with T-nuts

Dimensional drawing



All dimensions in mm



Technical data

Material	zinc, die-cast
Delivery	2 pairs incl. Mounting material

Order informations

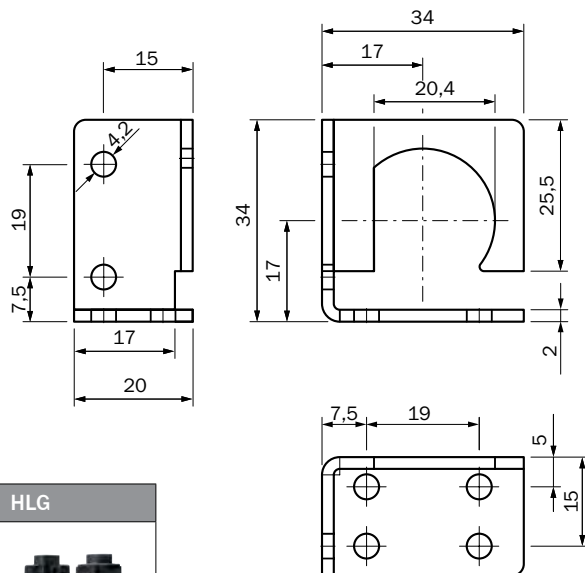
Type	Order no.
BEF-NUT-MLG	2023696



BEF-WK-XLG

Compact metal right angle
mounting bracket

Dimensional drawing



All dimensions in mm



Technical data

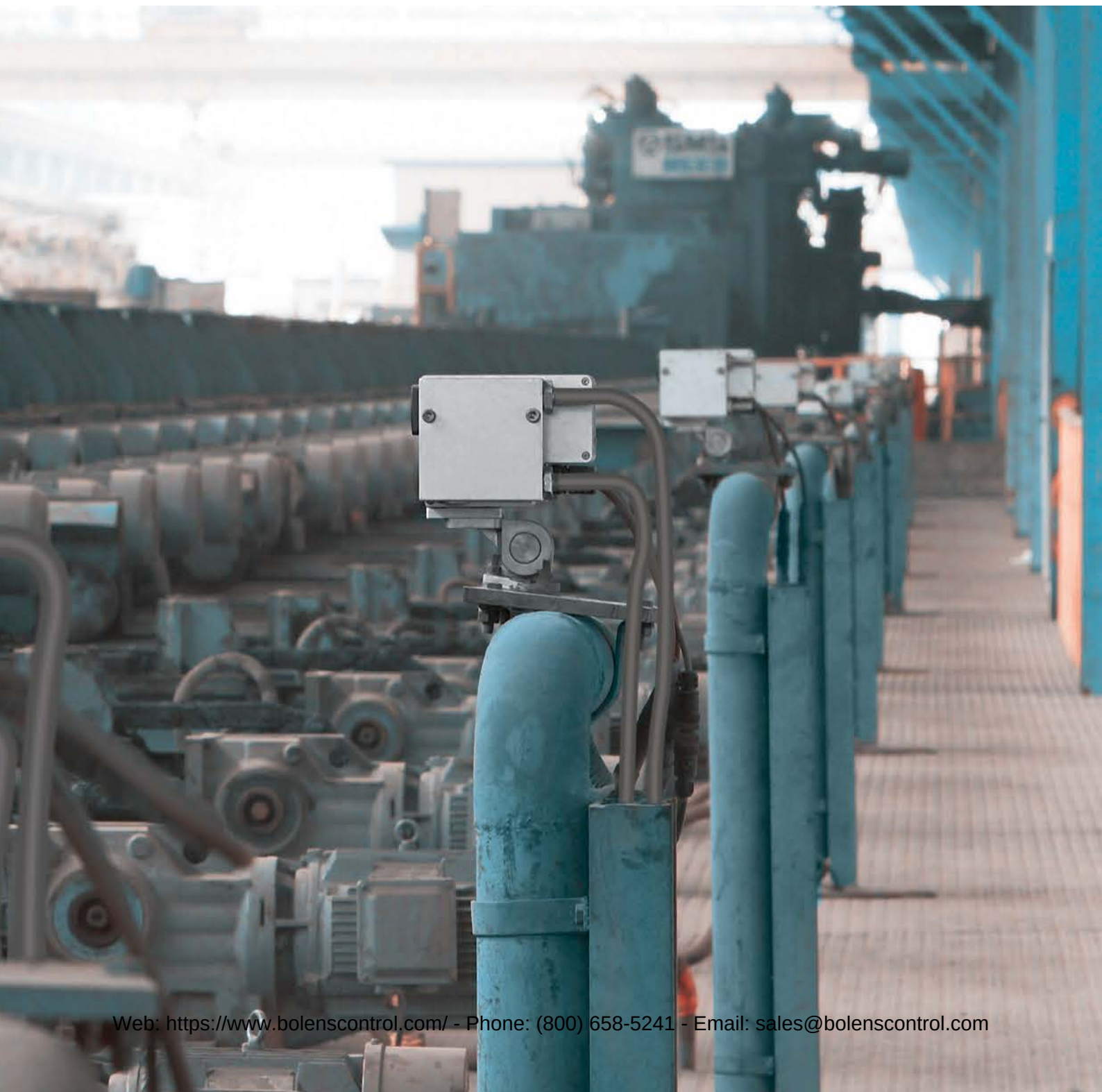
Material	Steel, galvanised
Delivery	1 pair

Order informations

Type	Order no.
BEF-WK-XLG	2029100

Universal bar clamp systems
mounting brackets
Clamping and alignment brackets
protective devices
Mountings for cylinder sensors
Special accessories

Clamping and alignment brackets – cleverly mounted





Accurate alignment, quick mounting:
SICK clamping and alignment brackets offer
you both. Thanks to reliable, intelligent and
solutions – from ball joints to spring plates,
from dovetail guides to bar mounting clamps.
You will find a suitable mounting solution here!

For rectangular sensors **ab Seite 53**

For cylindrical sensor **ab Seite 56**

For light grids and
distance sensors **ab Seite 58**

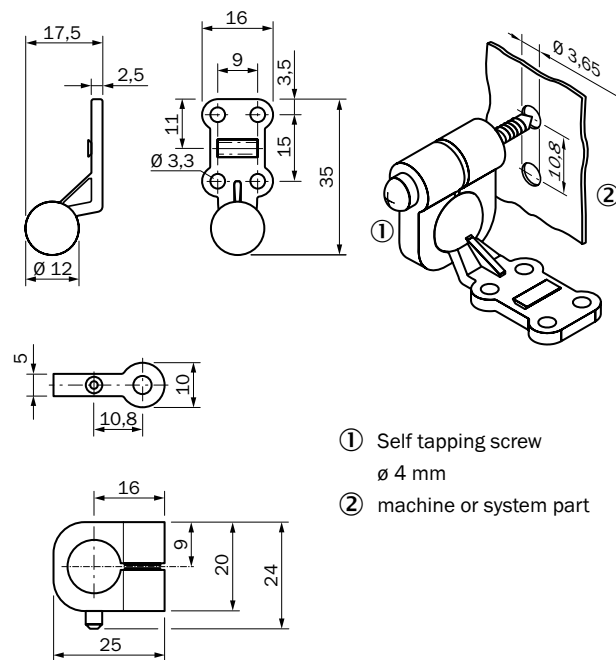
CLAMPING AND ALIGNMENT BRACKETS



BEF-GH-MINI01

Ball joint bracket

Dimensional drawing



- ① Self tapping screw
 $\varnothing 4$ mm
- ② machine or system part

Technical data

Material	Plastic (ABS)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-GH-MINI01	2023160

All dimensions in mm

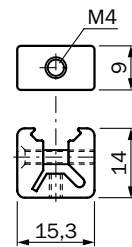




BEF-KH-W12

Clamp
for dovetail mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

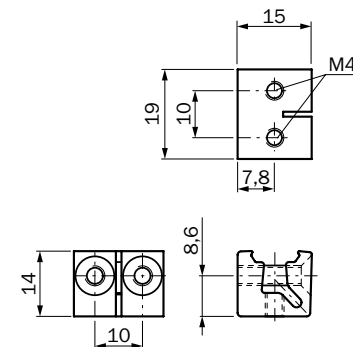
Type	Order no.
BEF-KH-W12	2013285



BEF-DKH-W12

Double clamp
for dovetail mounting

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-DKH-W12	2013947

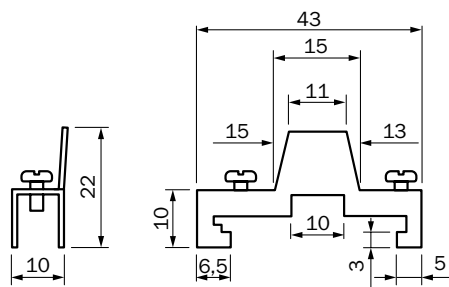




BEF-EB01-W190

Endcap for
block installation on DIN-RAIL

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	2 pieces

Order informations

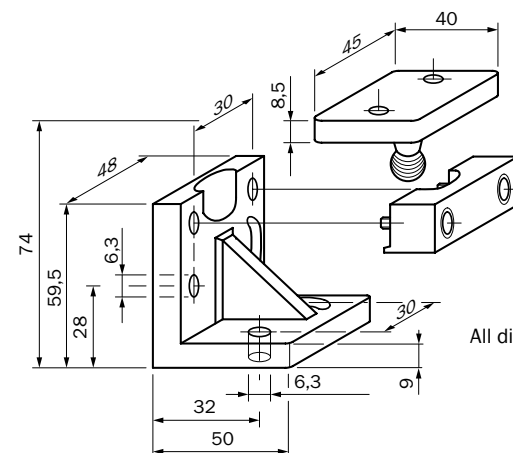
Type	Order no.
BEF-EB01-W190	5313011



BEF-KK-W45

Ball joint bracket

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KK-W45	2011436

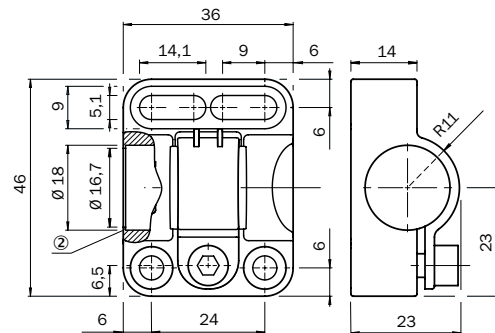




BEF-KH(F)-M18

Terminal block for M18 cylindrical sensors with and without mechanical stop

Dimensional drawing



All dimensions in mm

Technical data

Material	Plastic (PA12), glass fiber reinforced
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-KH-M18 ¹⁾	2051481
BEF-KHF-M18 ²⁾	2051482

¹⁾ ohne Festanschlag

²⁾ mit Festanschlag

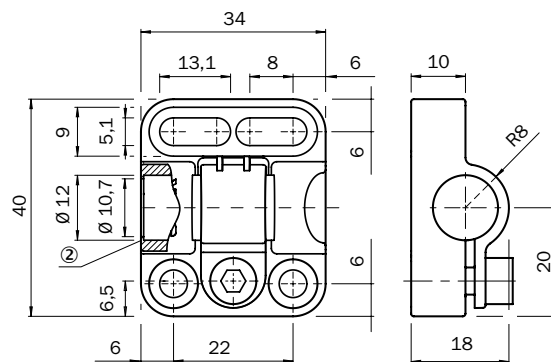
MH15	V18	IM18	IME18	MM18	CM18	UM18	KT1M



BEF-KH(F)-M12

Terminal block for M12 cylindrical sensors with and without mechanical stop

Dimensional drawing



All dimensions in mm

Technical data

Material	Plastic (PA12), glass fiber reinforced
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-KH-M12 ¹⁾	2051479
BEF-KHF-M12 ²⁾	2051480

¹⁾ Without mechanical stop

²⁾ With mechanical stop

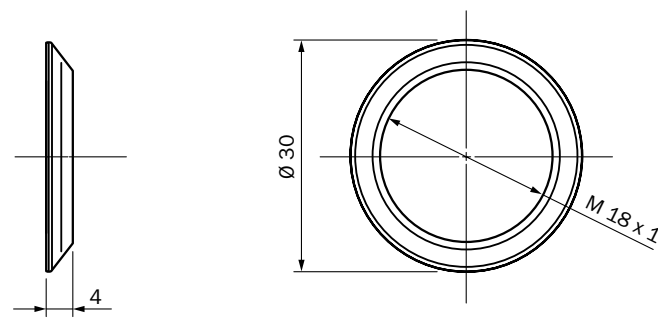
V12	IM12	IME12	MM12



BEF-WN-MH15-2

Mounting ring

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4404)
Delivery	Mounting hardware not included

Order information

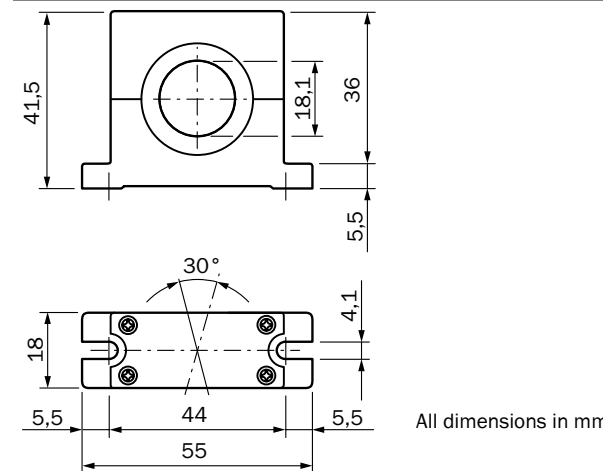
Type	Order no.
BEF-WN-MH15-2	4053358



BEF-WN-M18-ST02

Alignment bracket with ball joint

Dimensional drawing



All dimensions in mm

Technical data

Material	Plastic (ABS)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-WN-M18-ST02	5312973

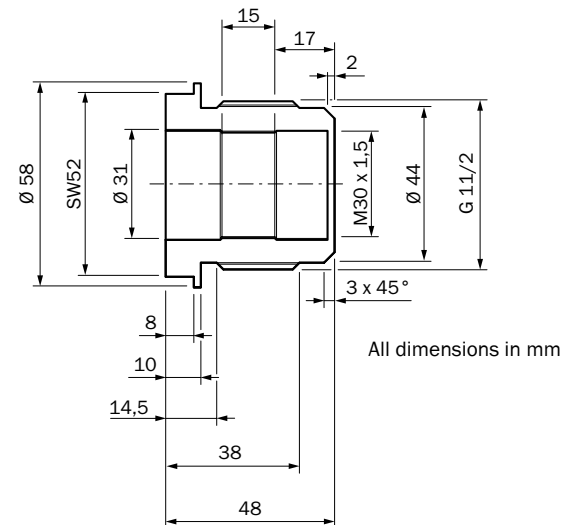




BEF-EA-CM30

Mounting adapter for silo
and tank applications

Dimensional drawing



Technical data

Material	Kunststoff (POM)
Delivery	incl. mounting material

Order information

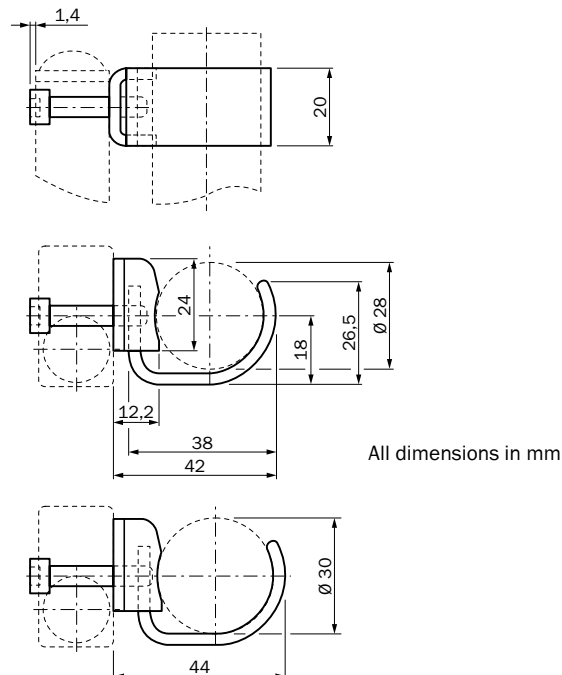
Type	Order no.
BEF-EA-CM30	2043770



BEF-RD30-PLG

Clamping and alignment
bracket

Dimensional drawing



Technical data

Material	Stainless steel (1.4301)
Delivery	2 pieces incl. mounting material

Order information

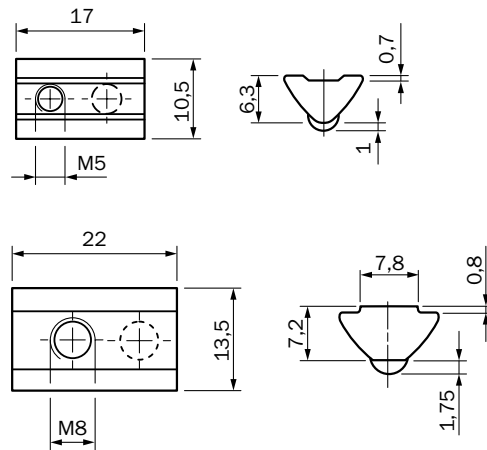
Type	Order no.
BEF-RD30-PLG	2040541



BEF-NSIT-PLG

T-slot nut with spring ball
for ITEM profile rail

Dimensional drawing



All dimensions in mm



Technical data

Material	Steel, galvanised
Delivery	Slot 8 and slot 10, 2 x each incl. mounting material

Order informations

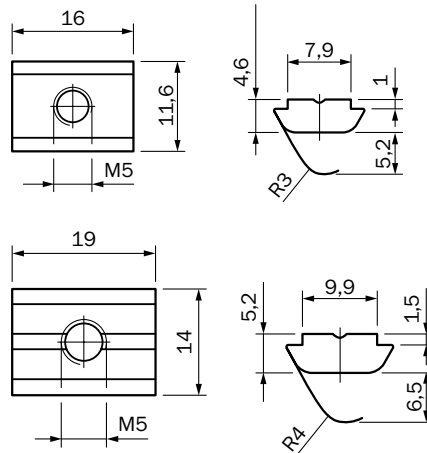
Type	Order no.
BEF-NSIT-PLG	2041045



BEF-NSBO-PLG

T-slot nut with spring leaf
for Bosch profile rail

Dimensional drawing



All dimensions in mm



Technical data

Material	Steel, galvanised
Delivery	Slot 8 and slot 10, 2 x each incl. mounting material

Order informations

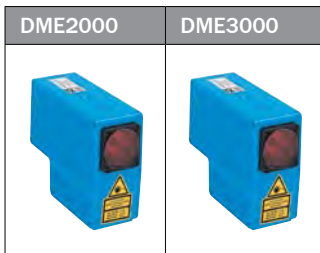
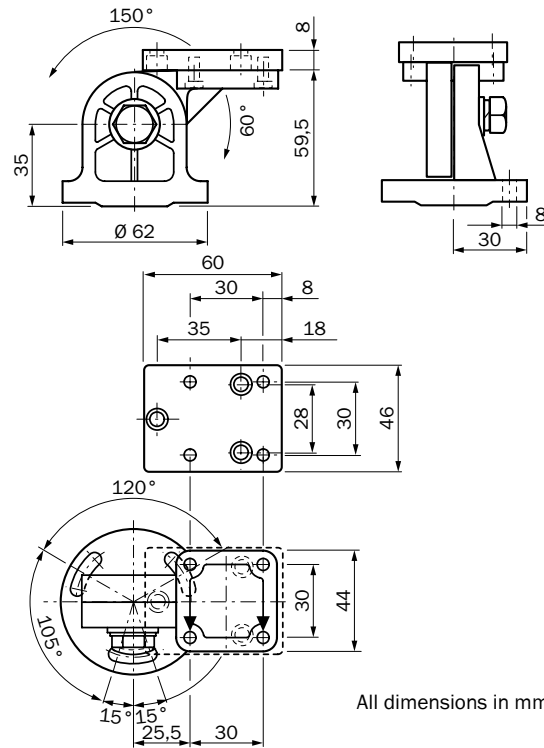
Type	Order no.
BEF-NSBO-PLG	2041049



BEF-GH-DME

Articulated mounting bracket

Dimensional drawing



Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

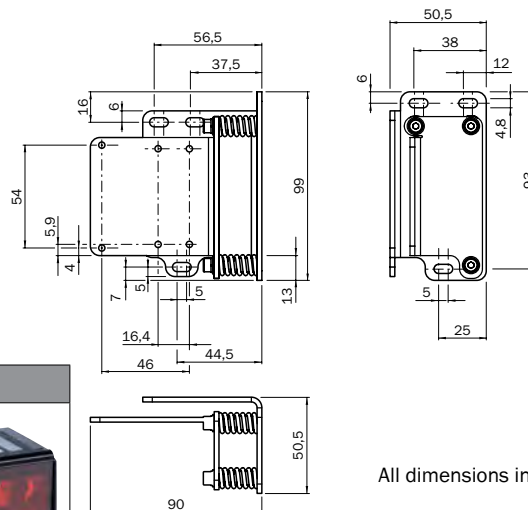
Type	Order no.
BEF-GH-DME	2015229



BEF-AH-DX50

Alignment unit

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

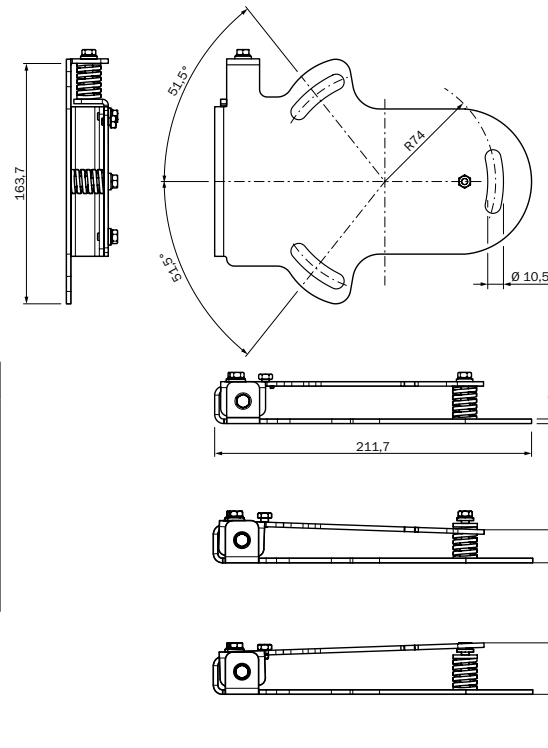
Order informations

Type	Order no.
BEF-AH-DX50	2048397



BEF-DME/ISD
Alignment unit

Dimensional drawing



Technical data

Material	Aluminium, anodised
Delivery	Mounting hardware not included

Order information

Type	Order no.
BEF-DME/ISD	2046052

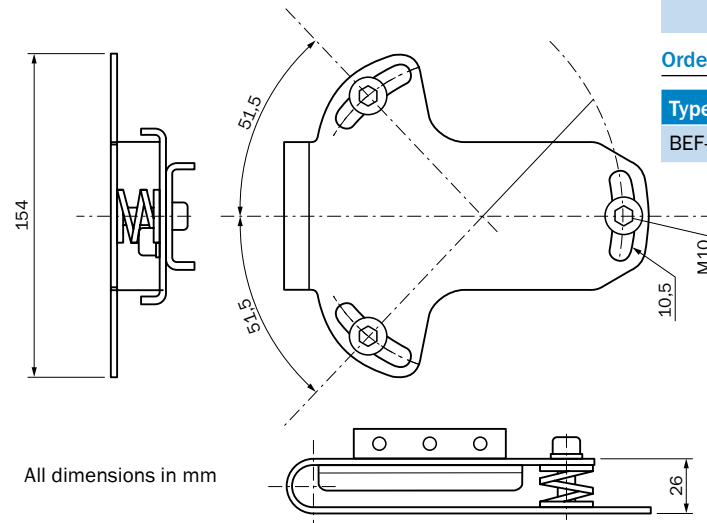


All dimensions in mm



BEF-AH-DME
Alignment unit

Dimensional drawing



Technical data

Material	Stainless steel, (1.4541)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-AH-DME	2027721



All dimensions in mm

Universal bar clamp systems

mounting brackets

Clamping and alignment brackets

protective devices

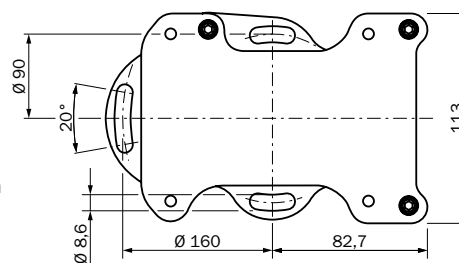
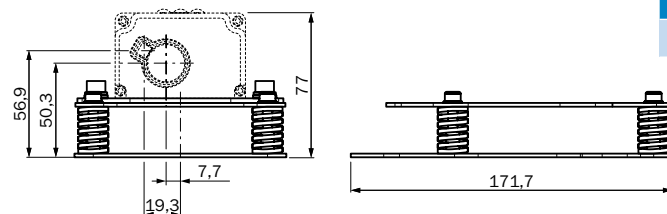
Mountings for cylinder sensors

Special accessories



BEF-DSDT
Alignment unit

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel (1.4301)
Delivery	incl. mounting material

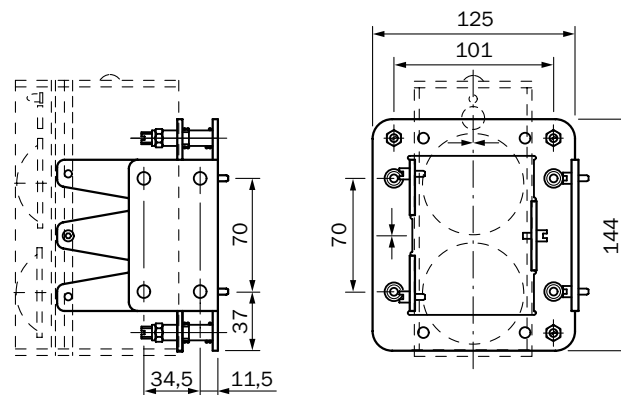
Order informations

Type	Order no.
BEF-DSDT	2031377



BEF-KH-ISD
Alignment unit

Dimensional drawing



All dimensions in mm

Technical data

Material	Stainless steel
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KH-ISD	5306369

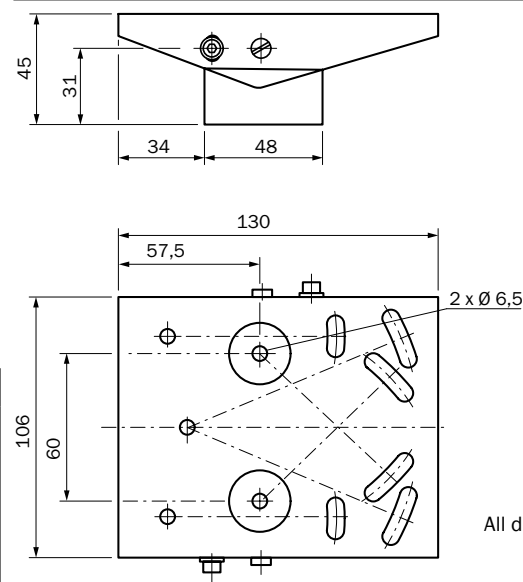




BEF-GH-DMT

Alignment unit

Dimensional drawing



Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order information

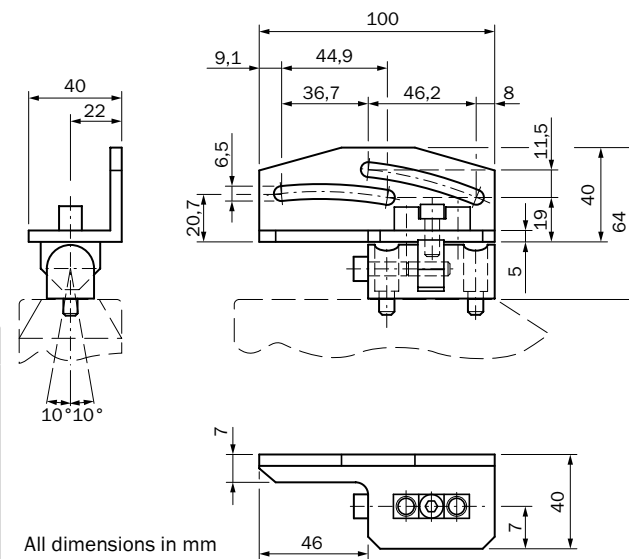
Type	Order no.
BEF-GH-DMT	5309130



BEF-GH-DMH2

Alignment unit

Dimensional drawing

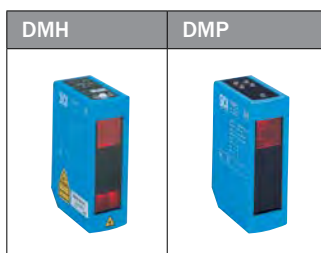


Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-GH-DMH2	2020796



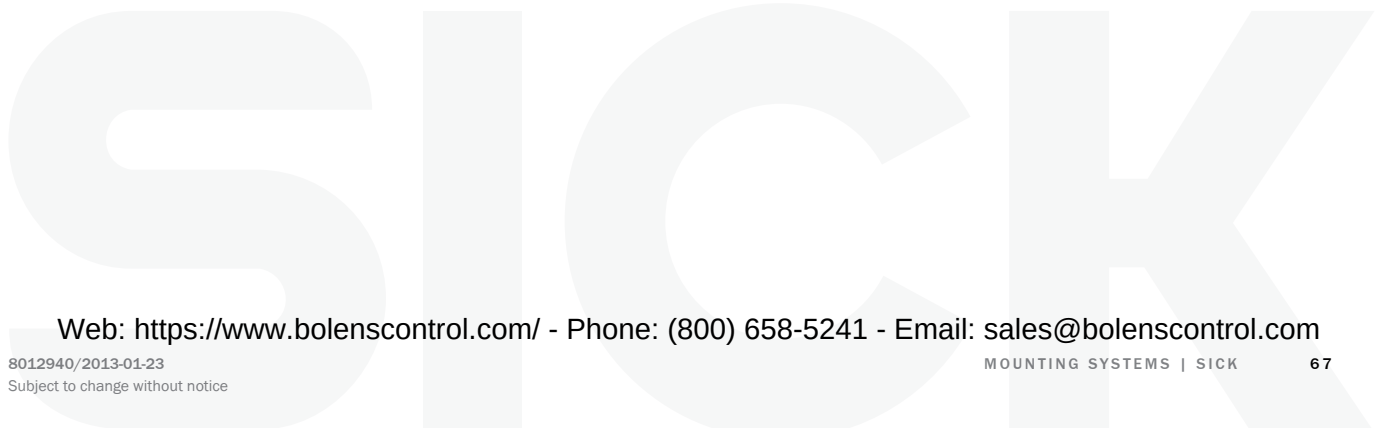
Protective devices – when it gets dirty





Sensors are used in many different places. Work gets dirty sometimes. Moisture, dust, intense sunlight or mechanical stresses can stretch the sensors' capabilities or even destroy them. Protective devices from SICK ensure perfect functionality of the SICK sensors. Even under extreme conditions they counteract harmful environmental effects to protect the sensor.

PROTECTIVE DEVICES

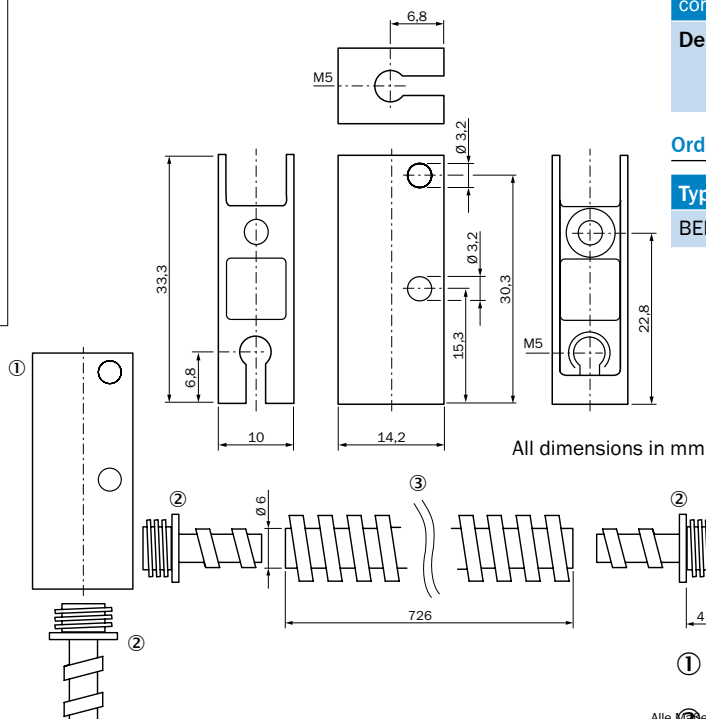




BEF-W2S-C

Protective housing
with cable protection

Dimensional drawing



Technical data

Material	
Angle bracket	Aluminium
Flexible metal conduit	Steel, chromeplated
Delivery	Mounting hardware not included

Order information

Type	Order no.
BEF-W2S-C	2033270



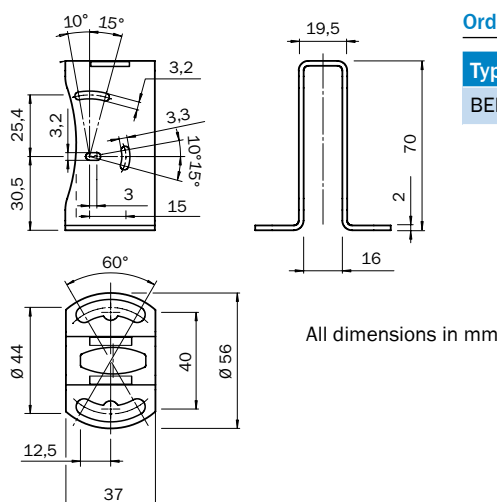
- ① Mounting brackets damage protection for cables
- ② Threaded adapter for metal flexible conduit
- ③ Flexible metal conduit/cable protection



BEF-SW-W4S

Protective bracket
for floor mounting

Dimensional drawing



Technical data

Material	Stainless steel (1.4571)
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-SW-W4S	2051497

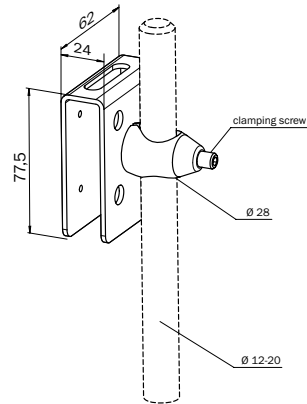




BEF-SG-W12-3

Protection hood for
Universal bar clamp systems

Dimensional drawing



All dimensions in mm



Technical data

Material	
Protective housing	Steel, galvanised
Clamps	zinc, die-cast
Delivery	incl. universal bar clamp and mounting material

Order informations

Type	Order no.
BEF-SG-W12-3	2045175

Universal bar clamp systems

mounting brackets

Clamping and alignment brackets

protective devices

Mountings for cylinder sensors

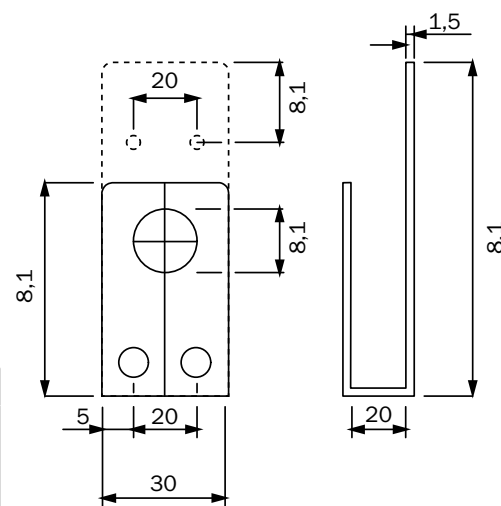
Special accessories



BEF-SG-W14

Protection hood for
Universal bar clamp systems

Dimensional drawing



All dimensions in mm



Technical data

Material	
Protective housing	Steel, galvanised
Clamps	zinc, die-cast
Delivery	incl. universal bar clamp and mounting material

Order informations

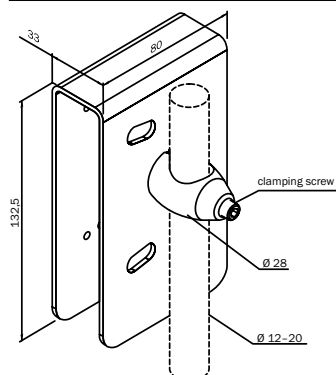
Type	Order no.
BEF-SG-W14	2058124



BEF-SG-W27

Protection hood for
Universal bar clamp systems

Dimensional drawing



All dimensions in mm

Technical data

Material	Steel, galvanised
Protective housing	Steel, galvanised
Clamps	zinc, die-cast
Delivery	Universal clamp and mounting hardware included

Order information

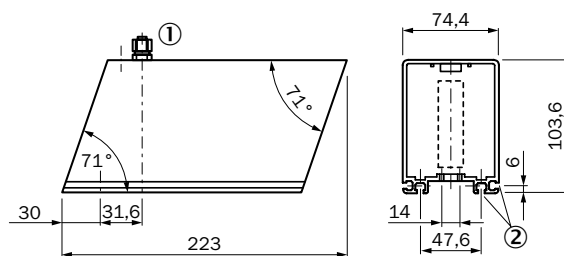
Type	Order no.
BEF-SG-W27	2039601



OBS-W24

Dust protection tube
with air purging

Dimensional drawing



All dimensions in mm

- ① Fast action screw fitting for hose internal diameter 6 mm
- ② Running nut channel for M5 nut (included in delivery)

Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order information

Type	Order no.
OBS-W24	2015069

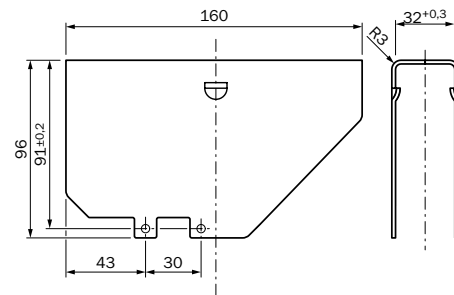




OBW-W24

Weather-protection hood

Dimensional drawing



All dimensions in mm

Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

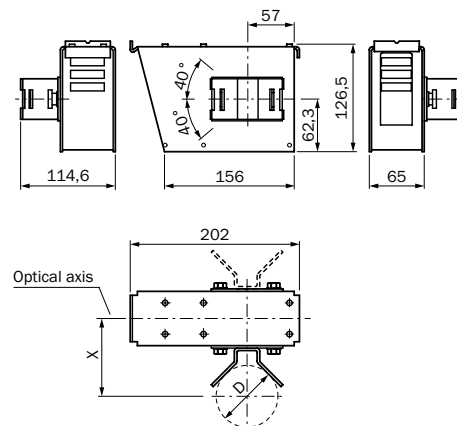
Type	Order no.
OBW-W24	2015070



WSG1-01

Weather-protection hood

Dimensional drawing



All dimensions in mm

Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
WSG1-01	1018470

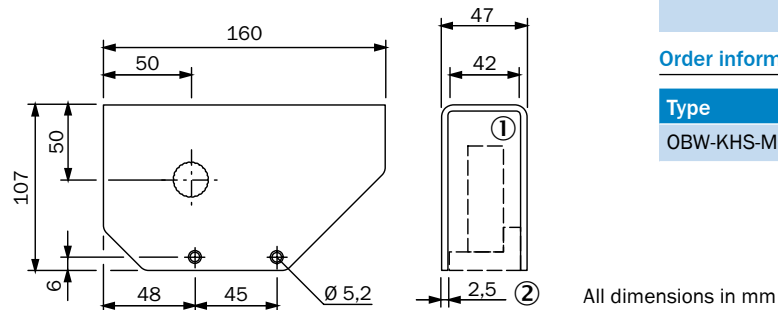
W24-2	W34	DS40	DT60	DS60



OBW-KHS-M01

Weather protection hood for Universal bar clamp systems

Dimensional drawing



- ① Sensor
- ② Base holder with mounting material included with delivery

Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

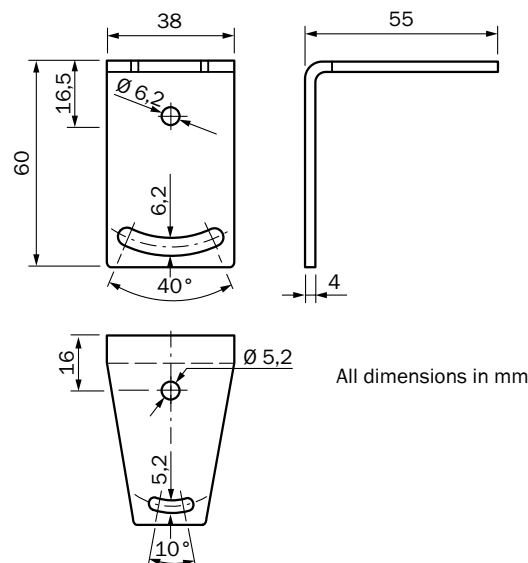
Type	Order no.
OBW-KHS-M01	2023240



BEF-WN-OBW

Mounting brackets for weather protection hood OBW-KHS-M01

Dimensional drawing



Technical data

Material	Steel, galvanised
Delivery	incl. mounting material

Order information

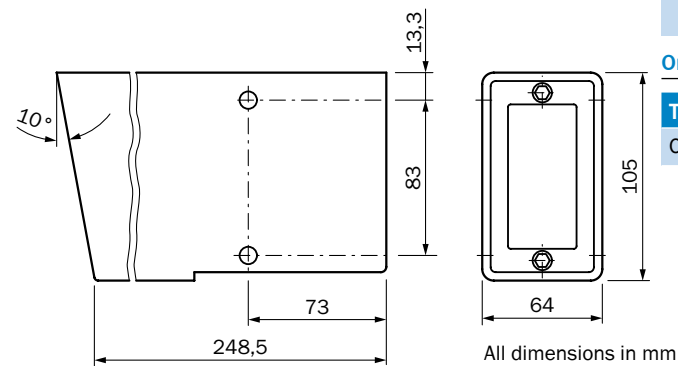
Type	Order no.
BEF-WN-OBW	2023251



OBS-W45

Dust protection tube

Dimensional drawing



Technical data

Material	Aluminium, painted
Delivery	incl. mounting material

Order information

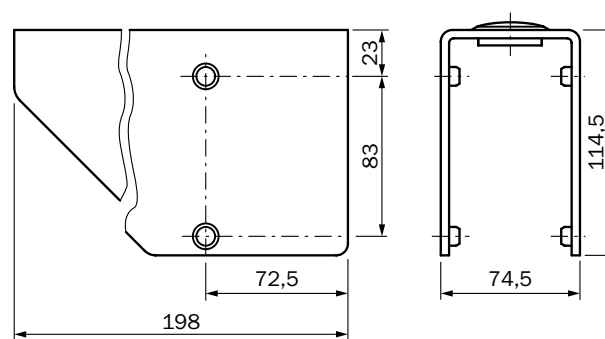
Type	Order no.
OBS-W45	2011432



OBW-W45

Weather protection hood

Dimensional drawing



Technical data

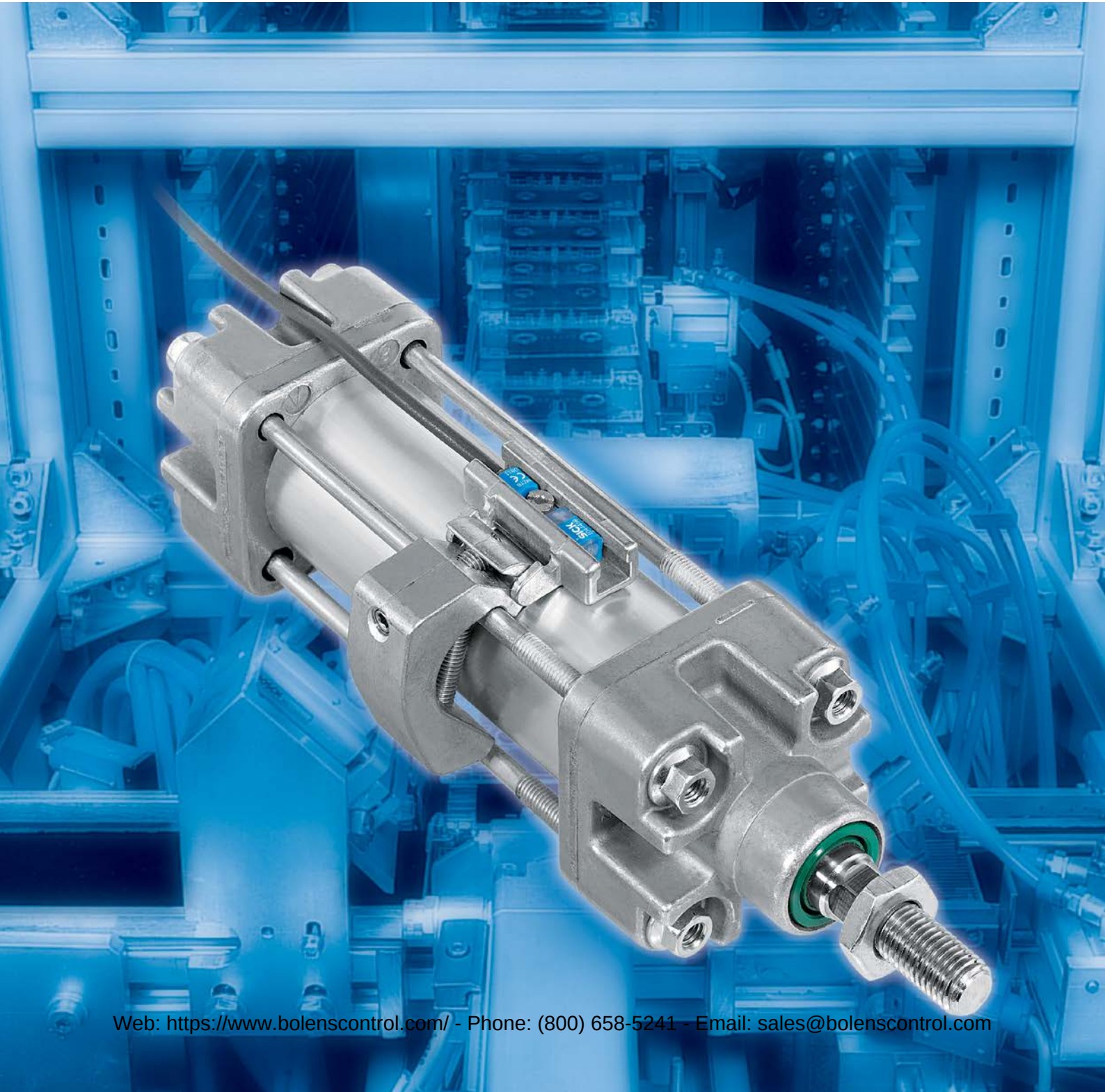
Material	Aluminium, painted
Delivery	incl. mounting material

Order information

Type	Order no.
OBW-W45	2011431



Mountings for cylinder sensors – the matching connection





Many linear motion sequences in modern industrial installations are pneumatically driven via piston rod cylinders. Accurate position determination of cylinder pistons is crucial to system control.

In this field, SICK offers plenty of sensors, of course with matching mounting systems, to fix these sensors safely to the housing of the different piston rod cylinders.

MOUNTINGS FOR CYLINDER SENSORS

Universal bar clamp
systems

mounting brackets

Clamping and alignment
brackets

protective devices

Mountings for
cylinder sensors

Special accessories

Universal bar clamp
systems

mounting brackets

Clamping and alignment
brackets

protective devices

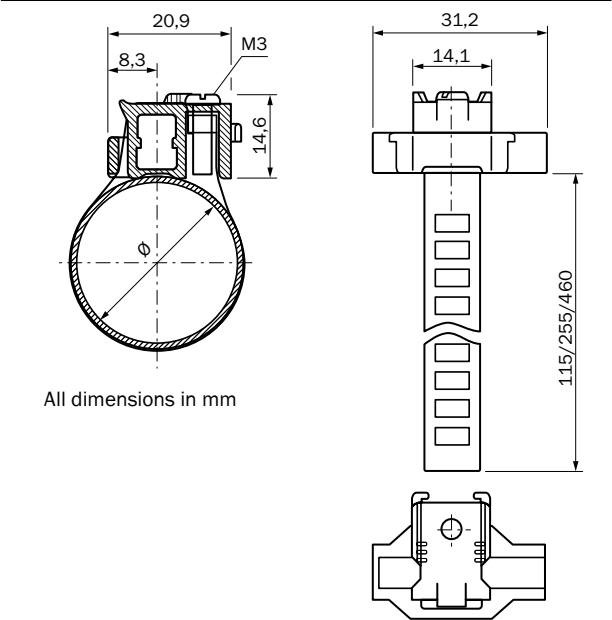
Mountings for
cylinder sensors

Special accessories



BEF-KHZ-RT1-xx
Mounting bracket
for round body cylinder

Dimensional drawing



All dimensions in mm

Technical data

Material	Plastic (PEI)/ nickel silver
----------	---------------------------------

Order informations

Type	Order no.	Ø in mm
BEF-KHZ-RT1-25	5311171	8 ... 25
BEF-KHZ-RT1-63	5311172	8 ... 63
BEF-KHZ-RT1-130	5311506	8 ... 130

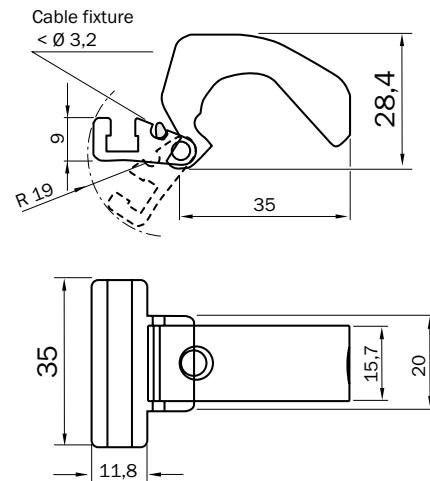
MZT1	MZT6	RZT1	RZT6	MZT8	MPS



BEF-KHZ-PT1

Mounting bracket
for profil-/tie-rod cylinders

Dimensional drawing



All dimensions in mm

Technical data

Material	zinc, die-cast
Delivery	incl. mounting material

Order informations

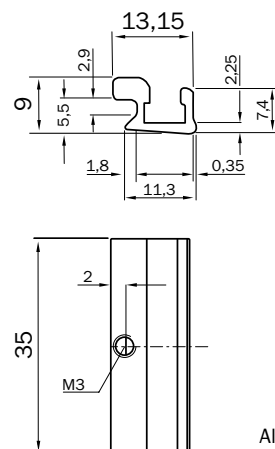
Type	Order no.
BEF-KHZ-PT1	2022702



BEF-KHZ-ST1

Mounting bracket
for cylinders with dovetail slot

Dimensional drawing



All dimensions in mm

Technical data

Material	Aluminium
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-KHZ-ST1	2022703

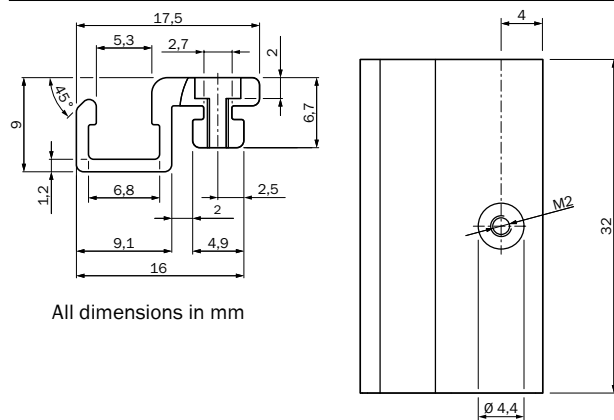




BEF-KHZ-TT1

Bracket for mounting
to SMC rail EXDQ2 (T slot)

Dimensional drawing



Technical data

Material	Aluminium
Delivery	Mounting hardware not included

Order information

Type	Order no.
BEF-KHZ-TT1	2046439

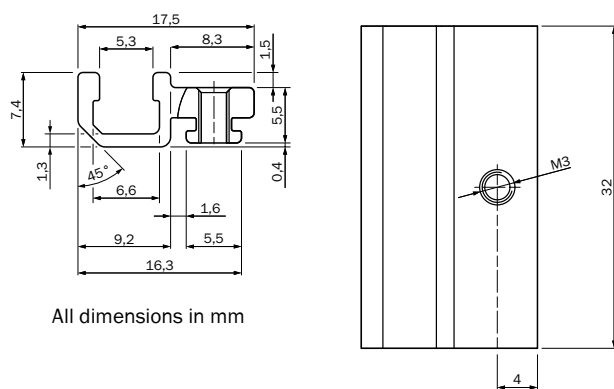
MZT1	MZT6	RZT1	RZT6	MZT8	MZ2Q-T	MPS



BEF-KHZ-TT2

Bracket for mounting
to SMC rail EXDQ2 (T slot)

Dimensional drawing



Technical data

Material	Aluminium
Delivery	Mounting hardware not included

Order information

Type	Order no.
BEF-KHZ-TT2	2046440

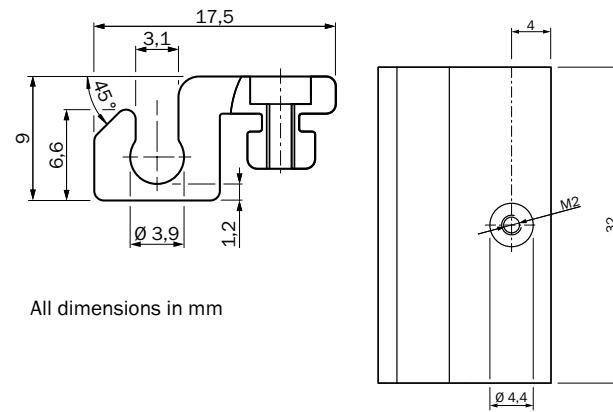
MZT1	MZT6	RZT1	RZT6	MZT8	MZ2Q-T	MPS



BEF-KHZ-TC1

Bracket for mounting
to SMC rail ECDQ2 (C slot), SMC rail E

Dimensional drawing



All dimensions in mm

Technical data

Material	Aluminium
Delivery	Mounting hardware not included

Order informations

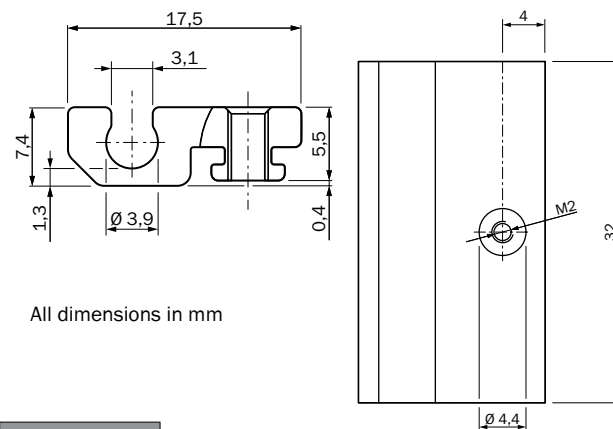
Type	Order no.
BEF-KHZ-TC1	2046441



BEF-KHZ-TC2

Bracket for mounting
to SMC rail ECDQ2 (C slot)

Dimensional drawing



All dimensions in mm

Technical data

Material	Aluminium
Delivery	Mounting hardware not included

Order informations

Type	Order no.
BEF-KHZ-TC2	2046442

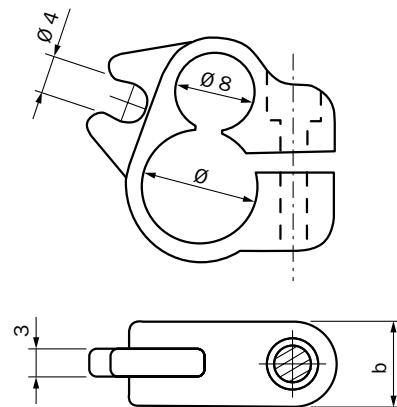




BEF-S-R1-xx

Cylinder mounting clamps

Dimensional drawing



All dimensions in mm

Technical data

Material	see order informations
Delivery	incl. mounting material

Order informations

Type	Order no.	Ø Clamping range in mm	b in mm	for piston rod diameter in mm
BEF-S-R1-08 ¹⁾	7902337	9,2 ... 10,0	9	8
BEF-S-R1-10 ¹⁾	7901753	10,9 ... 12,0	9	10
BEF-S-R1-12 ¹⁾	7901754	12,9 ... 14,0	9	12
BEF-S-R1-16 ¹⁾	7901755	16,9 ... 18,0	9	16
BEF-S-R1-20 ¹⁾	7901756	21,0 ... 22,0	9	20
BEF-S-R1-25 ¹⁾	7901757	26,1 ... 27,2	9	25
BEF-S-R1-32 ²⁾	7901758	33,0 ... 35,0	10	32
BEF-S-R1-40 ²⁾	7901759	41,4 ... 42,5	10	40
BEF-S-R1-50 ²⁾	7901760	52,5 ... 54,0	10	50
BEF-S-R1-63 ²⁾	7901761	66,0 ... 67,0	10	63

¹⁾ PBTP plastic

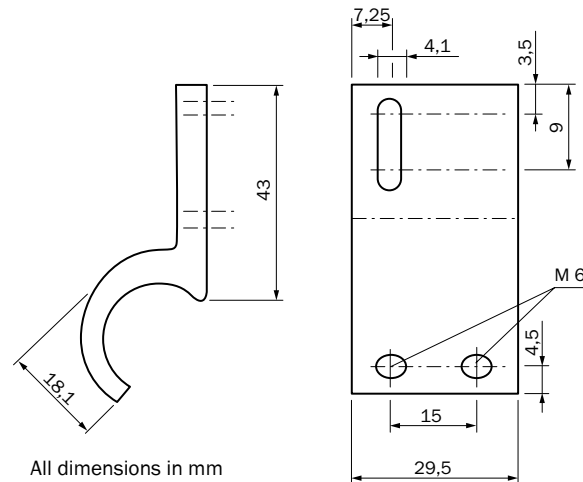
²⁾ POM plastic



BEF-KS-U2-P1

Clamping bracket for
profil rod cylinder up to a rod width of 13 mm

Dimensional drawing



Technical data

Material	Aluminium
Delivery	incl. mounting material

Order informations

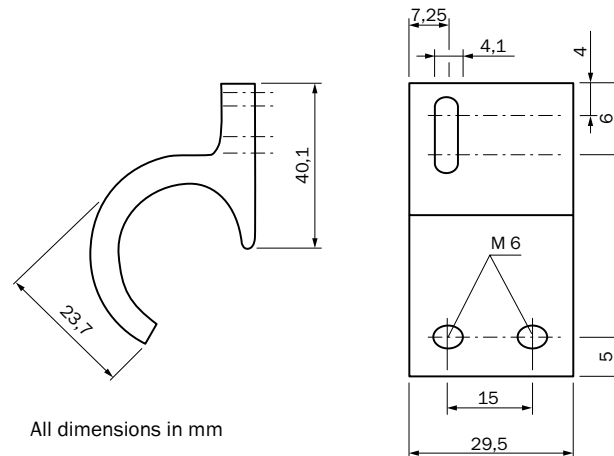
Type	Order no.
BEF-KS-U2-P1	2019824



BEF-KS-U2-P2

Clamping bracket for
profil rod cylinder up to a rod width of 18 mm

Dimensional drawing

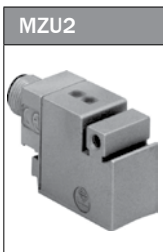


Technical data

Material	Aluminium
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KS-U2-P2	2019823

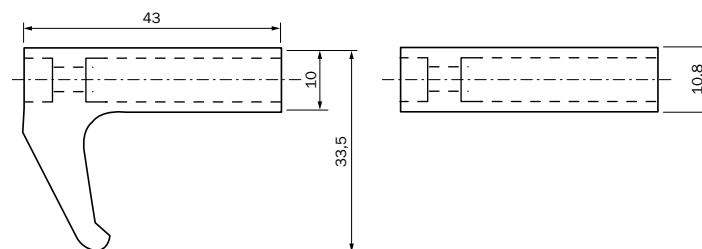




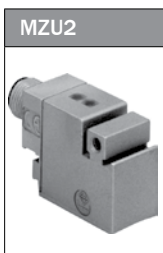
BEF-KS-U2-S1

Clamping bracket
for tie-rod cylinder

Dimensional drawing



All dimensions in mm



Technical data

Material	zinc, die-cast
Delivery	incl. mounting material

Order informations

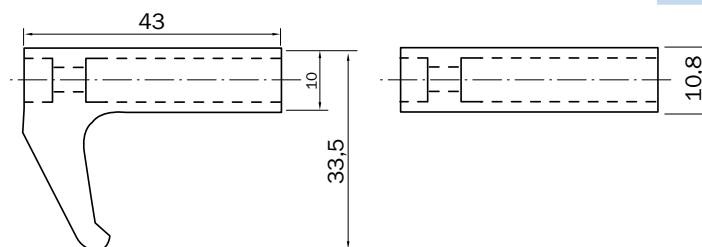
Type	Order no.
BEF-KS-U2-S1	4030922



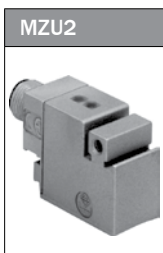
BEF-KS-U2-S1T

Clamping bracket
for tie-rod cylinder, teflon coated

Dimensional drawing



All dimensions in mm



Technical data

Material	zinc, die-cast, teflon coated
Delivery	incl. mounting material

Order informations

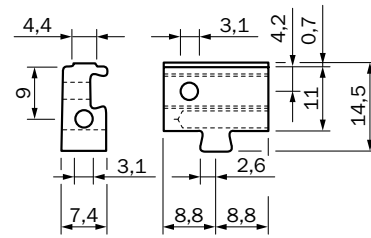
Type	Order no.
BEF-KS-U2-S1T	4031632



BEF-KS-U2-T1

Clamping bracket
for cylinder with T-slot or dovetail slot

Dimensional drawing



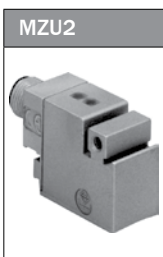
All dimensions in mm

Technical data

Material	Aluminium
Delivery	incl. mounting material

Order informations

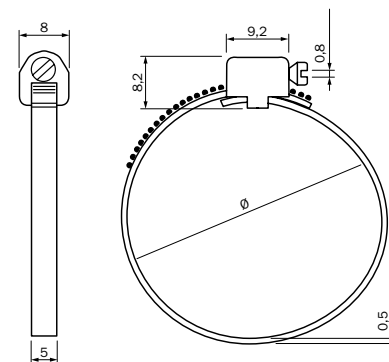
Type	Order no.
BEF-KS-U2-T1	2019822



BEF-S-R2-xx

Adjustable strap for cylinders

Dimensional drawing



All dimensions in mm

Technical data

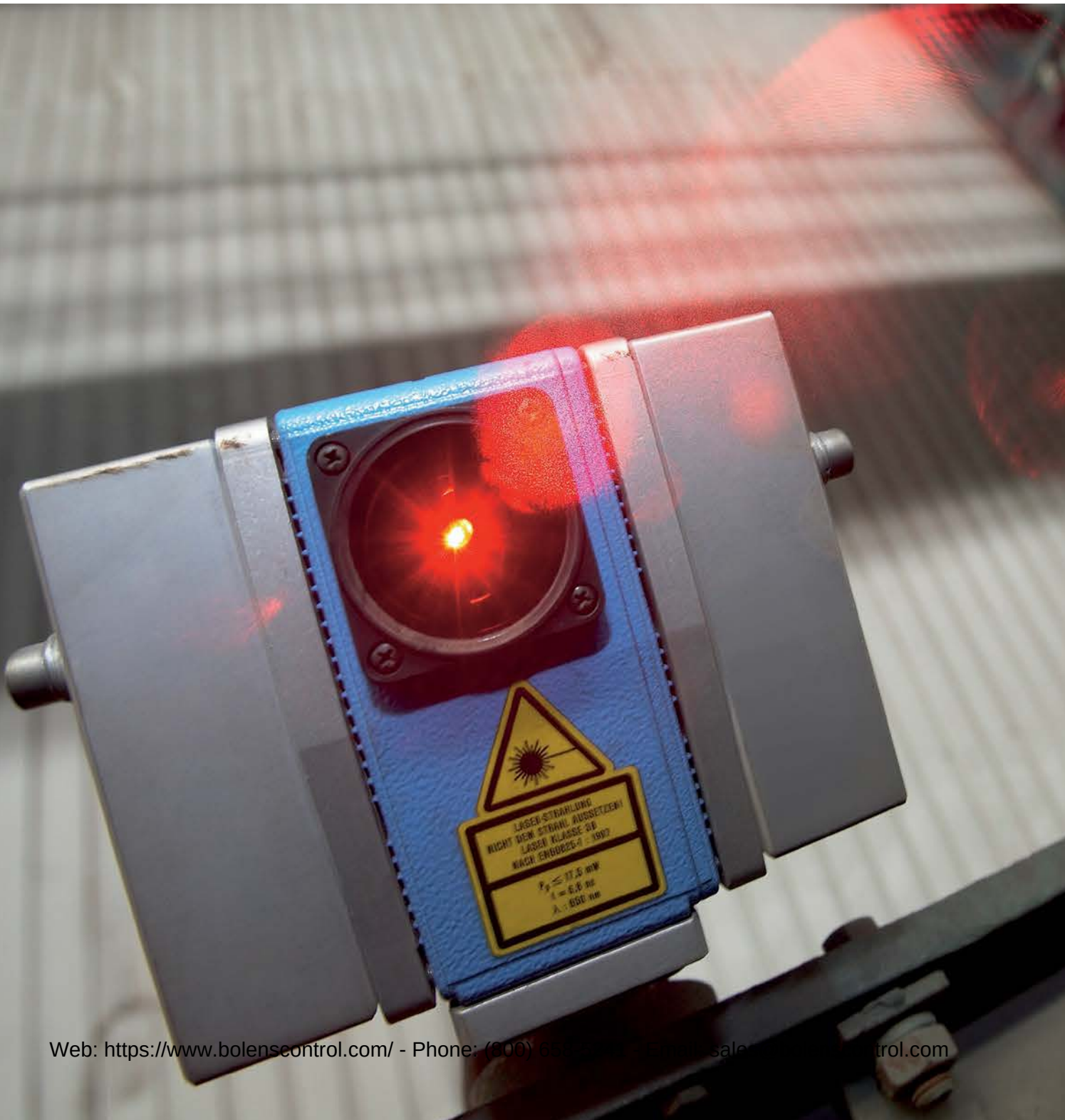
Material	Stainless steel
Delivery	Mounting hardware not included



Order informations

Type	Order no.	Ø Clamping range in mm	for piston rod diameter in mm
BEF-S-R2-16	7901762	18 ... 29	8 ... 16
BEF-S-R2-25	7901763	28 ... 39	20 ... 25
BEF-S-R2-30	7901764	38 ... 49	32
BEF-S-R2-40	7901765	48 ... 59	40
BEF-S-R2-50	7901766	58 ... 69	50
BEF-S-R2-63	7901767	65 ... 79	63
BEF-S-R2-80	7901768	85 ... 100	80
BEF-S-R2-100	7901769	95 ... 110	100

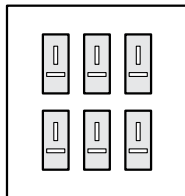
Special accessories – for all extraordinary applications



We have thought of everything: polarisation filter for reducing mutual interference of through-beam photoelectric switches, as well as slotted lens masks for focussing the emitted light paths, extend the applications for SICK sensors enormously. And, for high-temperature uses of SICK sensors, cooling plates for water cooling are the ultimate addition.

SPECIAL ACCESSORIES

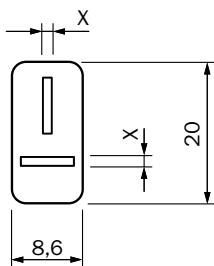
Web: <https://www.bolenscontrol.com/> - Phone: (800) 658-5241 - Email: sales@bolenscontrol.com



BL-140

2 self-adhesive slotted lens masks
for sender and receiver

Dimensional drawing



All dimensions in mm

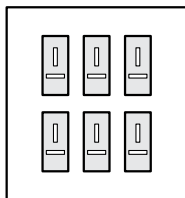
Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm
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Order information

Type	Order no.
BL-140	5308458

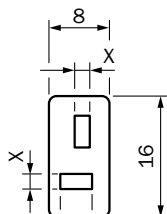
WS/WE140-2



BL-150-10

Slotted mask, transmitter and receiver each
have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

Technical data

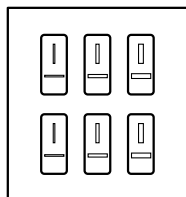
Slot width X	0.5 mm 1.0 mm 2.0 mm
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Order information

Type	Order no.
BL-150-10	5306216

WS/WE150

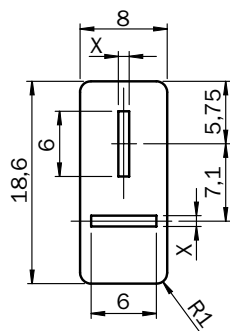




BL-100-10

Stick-on polarizing filter,
2 x X- and 2 x Y

Dimensional drawing



All dimensions in mm

Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm
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Order information

Type	Order no.
BL-100-10	5314182

WS/WE100



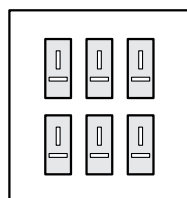
3 pairs included with apertures A, B, C.
Self-adhesive backing for easy mounting.
Apply stick-on mask to WS100 and
WE100 front lens.
For small object detection or increasing
indexing accuracy.

Operating ranges with apertures applied:

A) Aperture 2.0 mm: Range = 4.0 m

B) Aperture 1.0 mm: Range = 2.0 m

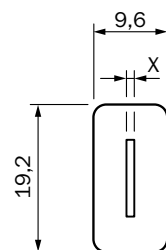
C) Aperture 0.5 mm: Range = 1.0 m



BL-160-10

Slotted mask, transmitter and receiver each
have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

Technical data

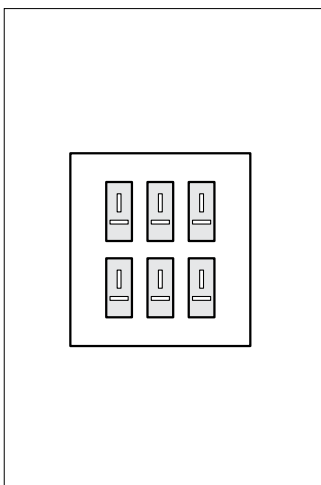
Slot width X	0.5 mm 1.0 mm 2.0 mm
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Order information

Type	Order no.
BL-160-10	5305196

WS/WE160

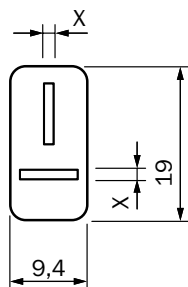




BL-160-SK

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



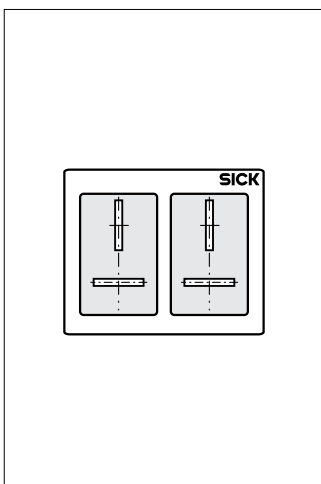
All dimensions in mm

Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm
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Order information

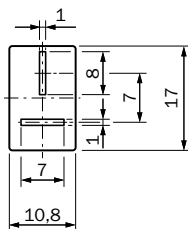
Type	Order no.
BL-160-SK	5310718



BL-170-10

2 self-adhesive slotted masks
for transmitter and receiver

Dimensional drawing

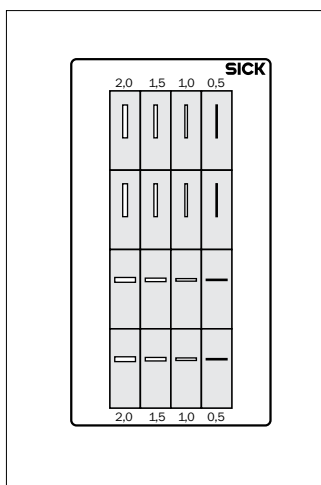


All dimensions in mm

Order information

Type	Order no.
BL-170-10	5305687

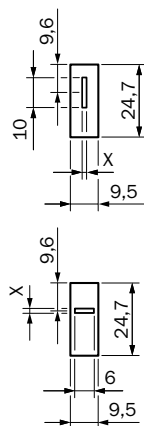




BL-9-2

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



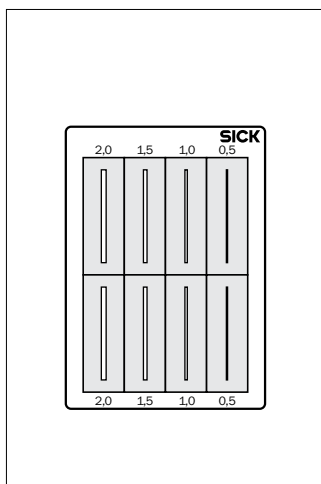
All dimensions in mm

Technical data

Slot width X	0.5 mm
	1.0 mm
	1.5 mm
	2.0 mm

Order informations

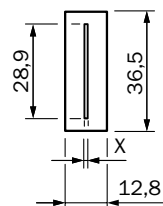
Type	Order no.
BL-9-2	4033253



BL-12-SKN

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

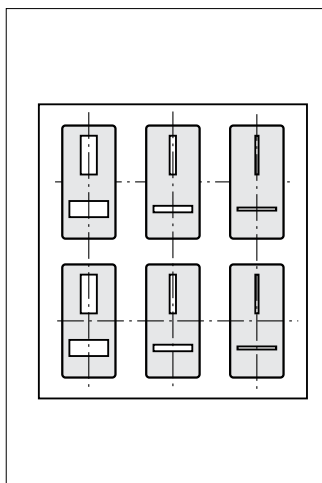
Technical data

Slot width X	0.5 mm
	1.0 mm
	1.5 mm
	2.0 mm

Order informations

Type	Order no.
BL-12-SKN	4031815



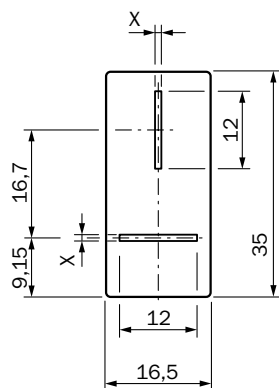


¹⁾ DC-design

BL-260-SK

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

Technical data

Slot width X	0.5 mm
	1.0 mm
	2.0 mm

Order informations

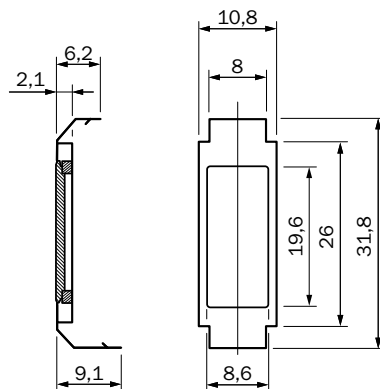
Type	Order no.
BL-260-SK	5308773



BL-100-POLF

Front polarization filter

Dimensional drawing



All dimensions in mm

Technical data

Delivery	2 x X- and 2 x Y- polarisation
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Order informations

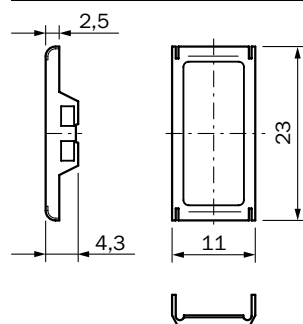
Type	Order no.
BL-100-POLF	5314702





BL-140-POLF
Front polarization filter

Dimensional drawing



All dimensions in mm

Technical data

Delivery	2 x X- and 2 x Y-polarisation
----------	-------------------------------

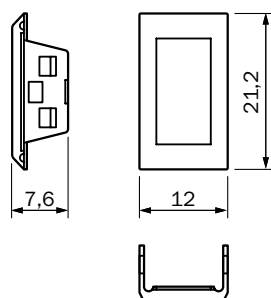
Order informations

Type	Order no.
BL-140-POLF	5308457



BL-170-POLF
Front polarization filter

Dimensional drawing



All dimensions in mm

Technical data

Delivery	2 x X- and 2 x Y-polarisation
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Order informations

Type	Order no.
BL-170-POLF	5305688



Universal bar clamp
systems

mounting brackets

Clamping and alignment
brackets

protective devices

Mountings for
cylinder sensors

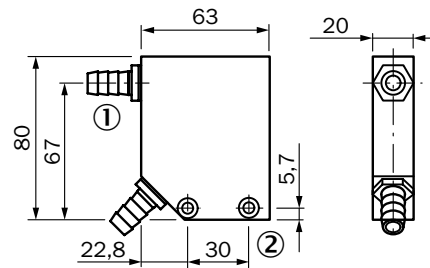
Special accessories



BEF-KP-W24

Cooling plate for water cooling

Dimensional drawing



All dimensions in mm

- ① Hose nozzle R1/4"
- ② Tapped hole for countersunk screw M5

W24-2

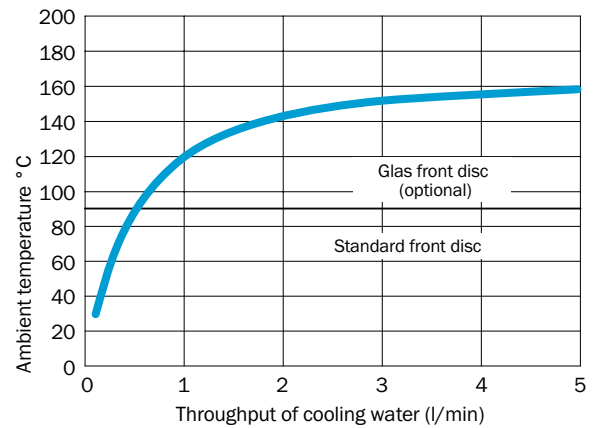


Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-KP-W24	2015071



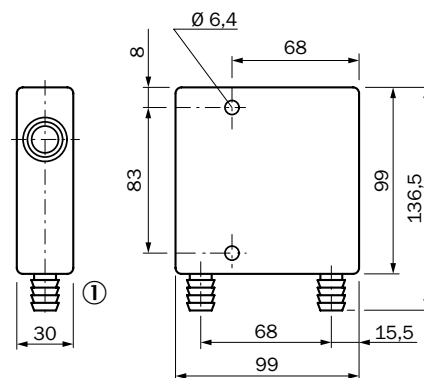
- ① Temperature for cooling water 20 °C, water pressure max. 5 bar



BEF-KP-W45

Cooling plate for water cooling

Dimensional drawing



All dimensions in mm

- ① Hose nozzle R1/2"

W45

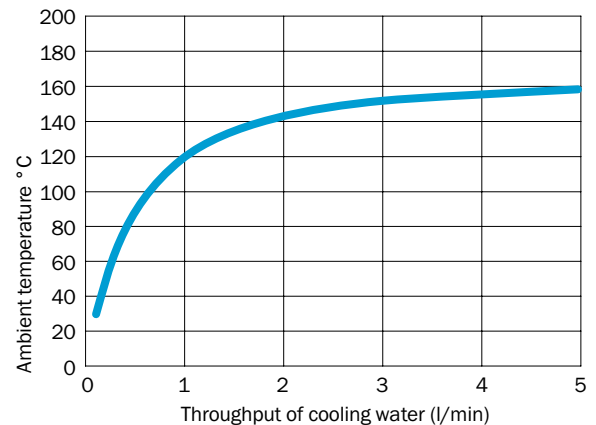


Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order information

Type	Order no.
BEF-KP-W45	2011435



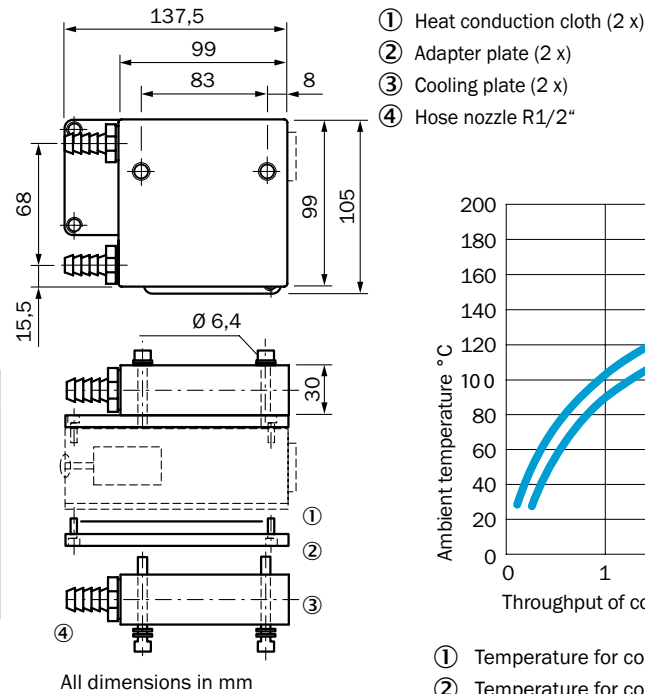
- ① Temperature for cooling water 20 °C, water pressure max. 5 bar



BEF-KPM-DME

Cooling plate assembly kit
for water cooling

Dimensional drawing

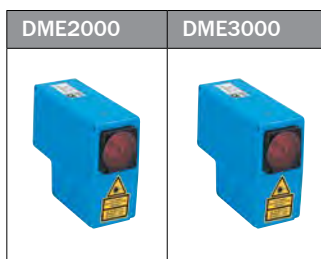
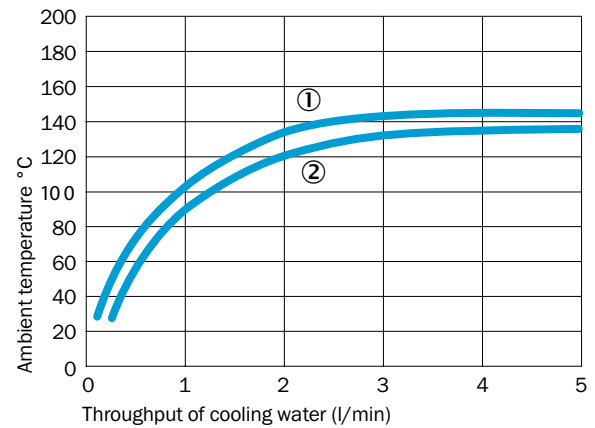


Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

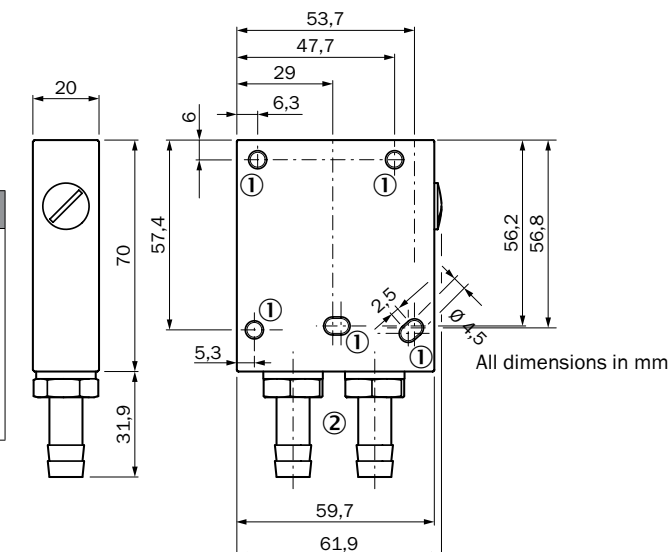
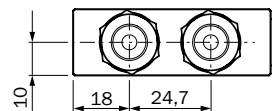
Type	Order no.
BEF-KPM-DME	2014457



BEF-KP-DX50

Cooling plate

Dimensional drawing



Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KP-DX50	2055755



Order no.	Type	Page
1018470	WSG1-01	71
2005806	BEF-WN-W32	41
2009122	BEF-WN-W27	40
2009317	BEF-WN-W18	35
2011431	OBW-W45	73
2011432	OBS-W45	73
2011435	BEF-KP-W45	92
2011436	BEF-KK-W45	56
2011480	BEF-WN-W45	42
2012938	BEF-WK-W12	33
2013285	BEF-KH-W12	55
2013942	BEF-WG-W12	34
2013947	BEF-DKH-W12	55
2014457	BEF-KPM-DME	93
2015069	OBS-W24	70
2015070	OBW-W24	71
2015071	BEF-KP-W24	92
2015229	BEF-GH-DME	62
2015248	BEF-WN-W24	37
2017417	BEF-WN-WTR	47
2017567	BEF-WN-WLG12	49
2019084	BEF-WN-W14	34
2019085	BEF-WN-W23	36
2019649	Befestigungssatz 1	49
2019822	BEF-KS-U2-T1	83
2019823	BEF-KS-U2-P2	81
2019824	BEF-KS-U2-P1	81
2020796	BEF-GH-DMH2	65
2022702	BEF-KHZ-PT1	77
2022703	BEF-KHZ-ST1	77
2022855	BEF-WN-W9-2	33
2023160	BEF-GH-MINI01	54
2023240	OBW-KHS-M01	19/72
2023251	BEF-WN-OBW	72
2023696	BEF-NUT-MLG	50
2027721	BEF-AH-DME	63
2029100	BEF-WK-XLG	50
2031377	BEF-DSDT	64
2033270	BEF-W2S-C	68
2039601	BEF-SG-W27	19/70
2040541	BEF-RD30-PLG	60
2041045	BEF-NSIT-PLG	61
2041049	BEF-NSBO-PLG	61
2043770	BEF-EA-CM30	60
2045175	BEF-SG-W12-3	18

Order no.	Type	Page
2046052	BEF-DME/ISD	63
2046439	BEF-KHZ-TT1	78
2046440	BEF-KHZ-TT2	78
2046441	BEF-KHZ-TC1	79
2046442	BEF-KHZ-TC2	79
2048370	BEF-WN-DX50	48
2048397	BEF-AH-DX50	62
2051477	BEF-KH-M08	58
2051478	BEF-KHF-M08	58
2051479	BEF-KH-M12	57
2051480	BEF-KHF-M12	57
2051481	BEF-KH-M18	57
2051482	BEF-KHF-M18	57
2051497	BEF-SW-W4S	68
2051607	BEF-KHS-N08	17
2051608	BEF-KHS-N02	11
2051609	BEF-KHS-N03	12
2051610	BEF-KHS-N04	13
2051611	BEF-KHS-N05	14
2051612	BEF-KHS-N06	15
2051613	BEF-KHS-N07	16
2051616	BEF-KHS-N08N	17
2051618	BEF-KHS-N02N	11
2051619	BEF-KHS-N03N	12
2051620	BEF-KHS-N04N	13
2051621	BEF-KHS-N05N	14
2051622	BEF-KHS-N06N	15
2051623	BEF-KHS-N07N	16
2051628	BEF-W4-A	27
2051630	BEF-W4-B	28
2051786	BEF-WK-WTR	46
2055755	BEF-KP-DX50	93
2058124	BEF-SG-W14	18/69
2062372	BEF-KHS-N10	16
2062373	BEF-KHS-N10N	16
2064574	BEF-WN-REFX	26
4027532	BEF-WK-W24	37
4030922	BEF-KS-U2-S1	82
4031632	BEF-KS-U2-S1T	82
4031815	BL-12-SKN	89
4032937	BEF-WN-DS60	48
4033253	BL-9-2	89
4034748	BEF-W2S-A	26
4034749	BEF-W2S-B	27
4039533	BEF-WN-MH15-1	58

Order no.	Type	Page
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