



IME

The economic standard for use in industrial environments

INDUCTIVE PROXIMITY SENSORS

SICK
Sensor Intelligence.



Technical data overview

Housing	Cylindrical thread design
Thread size	M8 x 1 M12 x 1 M18 x 1 M30 x 1.5
Diameter	Ø 8 mm ... Ø 30 mm (depending on type)
Sensing range S_n	1 mm ... 38 mm (depending on type)
Housing material	Brass / Stainless steel V2A (depending on type)
Enclosure rating	IP67 IP65 (depending on type)

Product description

SICK's inductive sensors offer precise detection, less downtime and a long service life. The inductive IME sensors pack high technology into the smallest of spaces. The integrated ASIC chip enables digital adjustment after the end of the manufacturing process. The saving of values in the ASIC ensures highly precise switching points and very high repeatability of values – for any number of production runs. IM sensors are completely encapsulated with hotmelt molding, which greatly increases shock and vibration resistance. The customer benefits from high positioning accuracy in the machine and long-term reliability.

At a glance

- Types: M8 to M30
- Extended sensing ranges: 1.5 mm to 38 mm
- Electrical configuration: DC 3-/4-wire, DC 2-wire
- Enclosure rating: IP 67
- Temperature range: -25 °C to +75 °C
- Nickel-plated brass housing; plastic sensing face

Your benefits

- High machine availability thanks to rugged design
- Highly cost-efficient thanks to low purchase costs
- Wide selection available thanks to extensive standard portfolio
- High positioning accuracy thanks to precise switching behavior

Ordering information

Other models and accessories →

- **Sub product family:** IME08
- **Cylindrical thread design:** M8
- **Installation type:** flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
1.5 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME08-1B5N0ZW2K	1040851
				Connector M8, 3-pin	IME08-1B5N0ZT0K	1040849
		NO		Cable, 3-wire, 0.6 m	IME08-1B5NSZUDKS40	1067788
				Cable, 3-wire, 2 m	IME08-1B5NSZU2K	1044449
					IME08-1B5NSZW2K	1040847

Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.
		PNP	NC	Connector M8, 3-pin	IME08-1B5NSZT0K	1040845
				Cable, 3-wire, 2 m	IME08-1B5POZW2K	1040843
				Connector M8, 3-pin	IME08-1B5POZT0K	1040841
			NO	Cable, 3-wire, 2 m	IME08-1B5PSZW2K	1040839
				Cable, 3-wire, 6 m	IME08-1B5PSZUDKS31	1061643
					IME08-1B5PSZUDKS36	1064498
				Connector M8, 3-pin	IME08-1B5PSZT0K	1040837
					IME08-1B5PSZT0KS44	1091110
	Standard	NPN	NC	Cable, 3-wire, 2 m	IME08-1B5NOZW2S	1040852
				Connector M8, 3-pin	IME08-1B5NOZT0S	1040850
			NO	Cable, 3-wire, 2 m	IME08-1B5NSZW2S	1040848
				Cable, 3-wire, 5 m	IME08-1B5NSZW5S	1043555
				Connector M8, 3-pin	IME08-1B5NSZT0S	1040846
		PNP	NC	Cable, 3-wire, 2 m	IME08-1B5POZW2S	1040844
				Connector M8, 3-pin	IME08-1B5POZT0S	1040842
			NO	Cable, 3-wire, 2 m	IME08-1B5PSZW2S	1040840
				Connector M8, 3-pin	IME08-1B5PSZT0S	1040838
				Male connector M12, 4-pin	IME08-1B5PSVC0S	1051740
					IME08-1B5PSVC0SS15	1052641
					IME08-1B5PSVC0SS25	1055198
1 mm	Short-body	PNP	NO	Cable with Wuerth connector, 3-pin (688003113322), 230 mm	IME08-01BPSZWDKS27	1058685
				Cable with Wuerth connector, 3-pin (688003113322), 450 mm	IME08-01BPSZWDKS28	1058686
				Cable with Tyco male connector, 3-pin, 450 mm	IME08-01BPSZWDKS29	1058687

Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.	
2 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME08-02BNOZW2K	1040883	
				Connector M8, 3-pin	IME08-02BNOZT0K	1040881	
			NO	Cable, 3-wire, 0.6 m	IME08-02BNSZUDKS39	1067744	
				Cable, 3-wire, 2 m	IME08-02BNSZW2K	1040879	
				Cable, 3-wire, 3 m	IME08-02BNSZU3K	1072466	
				Connector M8, 3-pin	IME08-02BNSZT0K	1040877	
					IME08-02BNSZT0KS09	1048437	
				PNP	NC	Cable, 3-wire, 2 m	IME08-02BPOZW2K
		Cable, 3-wire, 3 m	IME08-02BPOZW3K			1084271	
		2 mm	Short-body	PNP	NC	Cable, 3-wire, 5 m	IME08-02BPOZW5K
Connector M8, 3-pin	IME08-02BPOZT0K					1040873	
NO	Cable with M12 male connector, 4-pin, 0.5 m				IME08-02BPSZQDKS51	1100011	
	Cable, 3-wire, 2 m				IME08-02BPSZW2K	1040871	
					IME08-02BPSZW2KS68	1114609	
	Cable, 3-wire, 5 m				IME08-02BPSZW5K	1047424	
	Connector M8, 3-pin				IME08-02BPSZT0K	1040869	
	Standard				NPN	NC	Cable, 3-wire, 10 m
Cable, 3-wire, 2 m				IME08-02BNOZW2S			1040884
Cable, 3-wire, 5 m				IME08-02BNOZW5S			1044815

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
			NO	Connector M8, 3-pin	IME08-02BN0ZT0S	1040882
				Cable, 3-wire, 2 m	IME08-02BNSZU2S	1046451
					IME08-02BNSZW2S	1040880
				Cable, 3-wire, 3 m	IME08-02BNSZW3SS55	1104244
				Connector M8, 3-pin	IME08-02BNSZT0S	1040878
				Cable with AMP male connector, 3-pin, 200 mm	IME08-02BNSZWDSS59	1115033
				Male connector M12, 4-pin	IME08-02BNSZC0S	1051127
		PNP	NC	Cable, 3-wire, 2 m	IME08-02BPOZW2S	1040876
				Connector M8, 3-pin	IME08-02BPOVT0SS08	1048214
					IME08-02BPOVT0SS18	1053132
					IME08-02BPOZT0S	1040874
				Male connector M12, 4-pin	IME08-02BPOZC0S	1051207
			NO	Cable with connector M8, 4-pin, with knurled nuts, 2 m	IME08-02BPSZR2S	1102562
				Cable, 3-wire, 2 m	IME08-02BPSZW2S	1040872
				Cable, 3-wire, 3.1 m	IME08-02BPSZWDSS06	1047608
				Cable, 3-wire, 5 m	IME08-02BPSZW5S	1043966
				Connector M8, 3-pin	IME08-02BPSVT0SS12	1051462
					IME08-02BPSVT0SS17	1053131
					IME08-02BPSZT0S	1040870
				Male connector M12, 4-pin	IME08-02BPSZC0S	1051205

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- **Sub product family:** IME08
- **Cylindrical thread design:** M8
- **Installation type:** non-flush
- **Electrical wiring:** DC 3-wire

Sensing range S _n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
2.5 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME08-2N5NOZW2K	1040867
					Connector M8, 3-pin	IME08-2N5NOZT0K	1040865
			NO	–	Cable, 3-wire, 2 m	IME08-2N5NSZW2K	1040863
					Connector M8, 3-pin	IME08-2N5NSZT0K	1040861
		PNP	NC	–	Cable, 3-wire, 2 m	IME08-2N5POZW2K	1040859
					Connector M8, 3-pin	IME08-2N5POZT0K	1040857
			NO	–	Cable, 3-wire, 2 m	IME08-2N5PSZW2K	1040855
					Cable, 3-wire, 5 m	IME08-2N5PSZW5K	1045368
					Connector M8, 3-pin	IME08-2N5PSZT0K	1040853
	Standard	NPN	NC	–	Cable, 3-wire, 2 m	IME08-2N5NOZW2S	1040868
					Connector M8, 3-pin	IME08-2N5NOZT0S	1040866
			NO	–	Cable, 3-wire, 2 m	IME08-2N5NSZW2S	1040864
					Connector M8, 3-pin	IME08-2N5NSZT0S	1040862
		PNP	NC	–	Cable, 3-wire, 2 m	IME08-2N5POZW2S	1040860
					Connector M8, 3-pin	IME08-2N5POZT0S	1040858
			NO	–	Cable, 3-wire, 2 m	IME08-2N5PSZW2S	1040856
					Connector M8, 3-pin	IME08-2N5PSZT0S	1040854
4 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME08-04NNOZW2K	1040899
					Connector M8, 3-pin	IME08-04NNOZT0K	1040897
4 mm	Short-body	NPN	NO	–	Cable, 3-wire, 2 m	IME08-04NNSZW2K	1040895
				–	Cable, 3-wire, 3 m	IME08-04NNSZW3K	1055977
					Cable, 3-wire, 5 m	IME08-04NNSZW5K	1098179
					Connector M8, 3-pin	IME08-04NNSZT0K	1040893

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Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
		PNP	NC	–	Cable, 3-wire, 10 m	IME08-04NPOZW6K	1053957
					Cable, 3-wire, 2 m	IME08-04NPOZW2K	1040891
					Cable, 3-wire, 5 m	IME08-04NPOZW5K	1053956
					Connector M8, 3-pin	IME08-04NPOZT0K	1040889
		NO	NO	–	Cable, 3-wire, 2 m	IME08-04NPSZW2K	1040887
					Cable, 3-wire, 5 m	IME08-04NPSZW5K	1050046

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
	Standard	NPN	NC	–	Connector M8, 3-pin	IME08-04NPSZT0K	1040885
						IME08-04NPSZT0KS07	1047752
					Cable, 3-wire, 2 m	IME08-04NNOZW2S	1040900
					Cable, 3-wire, 3 m	IME08-04NNOZW3S	1111496
			NO	–	Connector M8, 3-pin	IME08-04NNOZT0S	1040898
					Cable, 3-wire, 2 m	IME08-04NNSZW2S	1040896
					Cable, 3-wire, 3 m	IME08-04NNSZW3S	1111495
					Connector M8, 3-pin	IME08-04NNSZT0S	1040894
		PNP	NC	–	Cable, 3-wire, 2 m	IME08-04NPOZW2S	1040892
					Connector M8, 3-pin	IME08-04NPOVT0SS20	1053134
						IME08-04NPOZT0S	1040890
					Male connector M12, 4-pin	IME08-04NPOZC0S	1051208
			NO	–	Cable with MOLEX-connector 43020-0409, 0.1 m	IME08-04NPSZW2SS50	1097796
					Cable with connector M8, 3-pin, with knurled nuts, 0.3 m	IME08-04NPSZRDSS02	1043843
					Cable, 3-wire, 2 m	IME08-04NPSZW2S	1040888
					Cable, 3-wire, 6 m	IME08-04NPSZUDSS56	1106485
					Connector M8, 3-pin	IME08-04NPSVT0SS19	1053133
						IME08-04NPSZT0S	1040886
						IME08-04NPSZT0SS58	1109930
					Male connector M12, 4-pin	IME08-04NPSZC0S	1051209
5 mm	Standard	PNP	NO	–	Connector M8, 3-pin	IME08-05NPSZT0SS01	1042961

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
6 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NNOZW2K	1071199
					Connector M8, 3-pin	IME08-06NNOZT0K	1071203
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NNSZW2K	1071198
					Connector M8, 3-pin	IME08-06NNSZT0K	1071202
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NPOZW2K	1071196
					Connector M8, 3-pin	IME08-06NPOZT0K	1071201
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NPSZW2K	1071195
					Connector M8, 3-pin	IME08-06NPSZT0K	1071200
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NNOZW2S	1071207
					Connector M8, 3-pin	IME08-06NNOZT0S	1071211
					Male connector M12, 4-pin	IME08-06NNOZC0S	1072570
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NNSZW2S	1071206
					Connector M8, 3-pin	IME08-06NNSZT0S	1071210
					Male connector M12, 4-pin	IME08-06NNSZC0S	1072569
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NPOZW2S	1071205
					Connector M8, 3-pin	IME08-06NPOZT0S	1071209
					Male connector M12, 4-pin	IME08-06NPOZC0S	1071213
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-06NPSZW2S	1071204
					Connector M8, 3-pin	IME08-06NPSZT0S	1071208
					Male connector M12, 4-pin	IME08-06NPSZC0S	1071212

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- **Sub product family:** IME08
- **Cylindrical thread design:** M8
- **Installation type:** quasi-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
3 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BNOZW2K	1074035
					Connector M8, 3-pin	IME08-03BNOZT0K	1074041
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BNSZW2K	1074009
					Connector M8, 3-pin	IME08-03BNSZT0K	1074040
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BPOZW2K	1074008
					Connector M8, 3-pin	IME08-03BPOZT0K	1074038
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BPSZW2K	1074007
					Connector M8, 3-pin	IME08-03BPSZT0K	1074037
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BNOZW2S	1074045
					Connector M8, 3-pin	IME08-03BNOZT0S	1074026
					Male connector M12, 4-pin	IME08-03BNOZC0S	1074033
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BNSZW2S	1074044
					Connector M8, 3-pin	IME08-03BNSZT0S	1073663
					Male connector M12, 4-pin	IME08-03BNSZC0S	1074031
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BPOZW2S	1074043
					Connector M8, 3-pin	IME08-03BPOZT0S	1073662
					Male connector M12, 4-pin	IME08-03BPOZC0S	1074030
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME08-03BPSZW2S	1074042
					Connector M8, 3-pin	IME08-03BPSZT0S	1073457
					Male connector M12, 4-pin	IME08-03BPSZC0S	1074029

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
4 mm	Standard	NPN	NC	Quadruple sensing range	Cable, 3-wire, 2 m	IME08-04BNOZW2S	1086324
					Connector M8, 3-pin	IME08-04BNOZT0S	1086328
			NO	Quadruple sensing range	Cable, 3-wire, 2 m	IME08-04BNSZW2S	1086323
					Connector M8, 3-pin	IME08-04BNSZT0S	1086327
		PNP	NC	Quadruple sensing range	Cable, 3-wire, 2 m	IME08-04BPOZW2S	1086321
					Connector M8, 3-pin	IME08-04BPOZT0S	1086326
			NO	Quadruple sensing range	Cable, 3-wire, 2 m	IME08-04BPSZW2S	1079510
					Connector M8, 3-pin	IME08-04BPSZT0S	1086325

- **Sub product family:** IME08
- **Cylindrical thread design:** M8
- **Installation type:** flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
2 mm	Short-body	NC	Cable, 2-wire, 2 m	IME08-02BD0ZY2K	1109633
		NO	Cable, 2-wire, 2 m	IME08-02BDSZY2K	1070432
	Standard	NC	Cable, 2-wire, 2 m	IME08-02BD0ZY2S	1068250
			Connector M8, 3-pin	IME08-02BD0ZT0S	1067108
		NO	Cable, 2-wire, 2 m	IME08-02BDSZY2S	1068251
			Connector M8, 3-pin	IME08-02BDSZT0S	1067109

- **Sub product family:** IME08
- **Cylindrical thread design:** M8
- **Installation type:** non-flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
4 mm	Standard	NC	Cable, 2-wire, 2 m	IME08-04NDOZY2S	1068252
			Connector M8, 3-pin	IME08-04NDOZT0S	1067197
		NO	Cable, 2-wire, 2 m	IME08-04NDSZY2S	1068253
			Connector M8, 3-pin	IME08-04NDSZT0S	1067177

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
2 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME12-02BNOZW2K	1040745

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Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
			NO		IME12-02BNOZW2KS16	1045051
				Male connector M12, 4-pin	IME12-02BNOZCOK	1040744
				Cable, 3-wire, 2 m	IME12-02BNSZW2K	1040741
					IME12-02BNSZW2KS14	1044939
					IME12-02BNSZW2KS15	1045050
				Male connector M12, 4-pin	IME12-02BNSZCOK	1040739
		PNP	NC	Cable, 3-wire, 2 m	IME12-02BPOZW2K	1040737
				Male connector M12, 4-pin	IME12-02BPOZCOK	1040735
			NO	Cable with connector M8, 3-pin, with knurled nuts, 0.3 m	IME12-02BPSZR9K	1090477
				Cable, 3-wire, 10 m	IME12-02BPSZW6K	1051993
				Cable, 3-wire, 2 m	IME12-02BPSZW2K	1040733
				Cable, 3-wire, 5 m	IME12-02BPSZW5K	1042724
				Male connector M12, 4-pin	IME12-02BPSZCOK	1040731
	Standard	NPN	NC	Cable, 3-wire, 2 m	IME12-02BNOZW2S	1040746
				Male connector M12, 4-pin	IME12-02BNOZC0S	1040743
			NO	Cable, 3-wire, 2 m	IME12-02BNSZW2S	1040742
				Male connector M12, 4-pin	IME12-02BNSZC0S	1040740
		PNP	NC	Cable, 3-wire, 2 m	IME12-02BPOZW2S	1040738
				Male connector M12, 4-pin	IME12-02BPOZC0S	1040736
			NO	Cable, 3-wire, 10 m	IME12-02BPSZW6S	1052248
				Cable, 3-wire, 2 m	IME12-02BPSZW2S	1040734
					IME12-02BPSZW2SS70	1114909
				Cable, 3-wire, 3 m	IME12-02BPSZU3S	1043108
				Cable, 3-wire, 5 m	IME12-02BPSZW5S	1046726
				Cable, 3-wire, 6 m	IME12-02BPSZWDSS04	1043384
				Cable, 3-wire, 8 m	IME12-02BPSZWDSS02	1042861
				Male connector M12, 4-pin	IME12-02BPSZC0S	1040732
3.2 mm	Standard	PNP	NC	Male connector M12, 4-pin	IME12-3B2POZC0SS28	1056197

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Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
4 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME12-04BNOZW2K	1040777
	Short-body	NPN	NC	Male connector M12, 4-pin	IME12-04BNOZC0K	1040775
				Cable, 3-wire, 2.5 m	IME12-04BNSZWDK	1060014
			NO	Cable, 3-wire, 2 m	IME12-04BNSZW2K	1040773
				Cable, 3-wire, 4 m	IME12-04BNSVWDK	1044353
				Cable, 3-wire, 5 m	IME12-04BNSZW5K	1052062
				Male connector M12, 4-pin	IME12-04BNSZC0K	1040771
					IME12-04BNSZC0KS35	1063529
		PNP	NC	Cable, 3-wire, 2 m	IME12-04BPOZW2K	1040769
				Connector M8, 3-pin	IME12-04BPOZT0K	1074637
				Male connector M12, 4-pin	IME12-04BPOZC0K	1040767
			NO	Cable with M12 male connector, 4-pin, 150 mm	IME12-04BPSZQDK	1056892
				Cable, 3-wire, 0.5 m	IME12-04BPSZWDP02	1049021
				Cable, 3-wire, 10 m	IME12-04BPSZW6K	1060824
					IME12-04BPSZW6KS56	1093752
				Cable, 3-wire, 1 m	IME12-04BPSZUDKS37	1065145
					IME12-04BPSZW1KP03	1049107
				Cable, 3-wire, 2.5 m	IME12-04BPSZWDKS30	1060015
				Cable, 3-wire, 2 m	IME12-04BPSZU2KS67	1114608
					IME12-04BPSZW2K	1040765
				Cable, 3-wire, 3 m	IME12-04BPSZU3K	1042735
				Cable, 3-wire, 5 m	IME12-04BPSZU5KS69	1114610
					IME12-04BPSZW5K	1044448
4 mm	Short-body	PNP	NO	Connector M8, 3-pin	IME12-04BPSZT0K	1042973
					IME12-04BPSZT0KP01	1046196
					IME12-04BPSZT0KS08	1044447
					IME12-04BPSZT0KS17	1046007
				Male connector M12, 4-pin	IME12-04BPSVC0K	1065021
					IME12-04BPSZC0K	1040763

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Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
	Standard	NPN	NC		IME12-04BPSZC0KS21	1051971
					IME12-04BPSZC0KS41	1068239
				Cable, 3-wire, 10 m	IME12-04BNOZW6S	1044830
				Cable, 3-wire, 2 m	IME12-04BNOZW2S	1040778
				Cable, 3-wire, 5 m	IME12-04BNOZW5S	1044829
				Male connector M12, 4-pin	IME12-04BNOZC0S	1040776
			NO	Cable, 3-wire, 2 m	IME12-04BNSZW2S	1040774
					IME12-04BNSZW2SS34	1063528
				Cable, 3-wire, 5 m	IME12-04BNSZW5S	1044612
				Cable, 3-wire, 6 m	IME12-04BNSZWDSS12	1044599
				Male connector M12, 4-pin	IME12-04BNSZC0S	1040772
		PNP	NC	Cable with M12 male connector, 4-pin, 0.6 m	IME12-04BPOZQDSS52	1090475
				Cable, 3-wire, 2 m	IME12-04BPOZW2S	1040770
				Cable, 3-wire, 8 m	IME12-04BPOZWDS	1057405
				Male connector M12, 4-pin	IME12-04BPOZC0S	1040768
					IME12-04BPOZC0SS01	1042579
			NO	Cable, 3-wire, 2 m	IME12-04BPSVW2S	1051424
					IME12-04BPSZW2S	1040766
				Cable, 3-wire, 3 m	IME12-04BPSZU3S	1042626
				Cable, 3-wire, 4 m	IME12-04BPSVWDS	1043110
				Cable, 3-wire, 5 m	IME12-04BPSZW5S	1043329
				Cable, 3-wire, 8 m	IME12-04BPSZWDS	1057403
				Male connector M12, 4-pin	IME12-04BPSZC0S	1040764
					IME12-04BPSZC0SS71	1115941

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** non-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
10 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-10NNOZW2K	1071233
					Male connector M12, 4-pin	IME12-10NNOZC0K	1071237
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME12-10NNSZW2K	1071236
					Male connector M12, 4-pin	IME12-10NNSZC0K	1071232
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-10NPOZW2K	1071231
					Male connector M12, 4-pin	IME12-10NPOZC0K	1071235
			NO	Triple sensing range	Cable with M12 male connector, 4-pin, 0.3 m	IME12-10NPSZQ9KS72	1122230
					Cable, 3-wire, 2 m	IME12-10NPSZW2K	1071230
					Male connector M12, 4-pin	IME12-10NPSZC0K	1071234
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-10NNOZW2S	1071241
					Male connector M12, 4-pin	IME12-10NNOZC0S	1071245
			NO	Triple sensing range	Cable with M12 male connector, 4-pin, 50 mm	IME12-10NNSZQDS	1099920
					Cable, 3-wire, 2 m	IME12-10NNSZW2S	1071240
			PNP	Triple sensing range	Male connector M12, 4-pin	IME12-10NNSZC0S	1071244
					Cable, 3-wire, 2 m	IME12-10NPOZW2S	1071239
					Male connector M12, 4-pin	IME12-10NPOZC0S	1071243
					Cable, 3-wire, 2 m	IME12-10NPSZW2S	1071238
					Male connector M12, 4-pin	IME12-10NPSZC0S	1071242
4 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME12-04NNOZW2K	1040761
					Male connector M12, 4-pin	IME12-04NNOZC0K	1040759
			NO	–	Cable, 3-wire, 2 m	IME12-04NNSZW2K	1040758

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Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
					Cable, 3-wire, 3 m	IME12-04NNSZW3K	1084999
					Male connector M12, 4-pin	IME12-04NNSZC0K	1040755
		PNP	NC	–	Cable, 3-wire, 2 m	IME12-04NPOZW2K	1040753
					Male connector M12, 4-pin	IME12-04NPOZC0K	1040751
			NO	–	Cable, 3-wire, 2 m	IME12-04NPSZU2K	1050977
						IME12-04NPSZW2K	1040749
					Cable, 3-wire, 5 m	IME12-04NPSZW5K	1042725
					Male connector M12, 4-pin	IME12-04NPSVC0KS09	1044005
						IME12-04NPSZC0K	1040747
		Standard	NC	–	Cable, 3-wire, 2 m	IME12-04NNOZW2S	1040762
					Male connector M12, 4-pin	IME12-04NNOZC0S	1040760
			NO	–	Cable, 3-wire, 2 m	IME12-04NNSZW2S	1040757
					Male connector M12, 4-pin	IME12-04NNSZC0S	1040756
			PNP	–	Cable, 3-wire, 10 m	IME12-04NPOZU6S	1043926
					Cable, 3-wire, 2 m	IME12-04NPOZW2S	1040754
					Male connector M12, 4-pin	IME12-04NPOZC0S	1040752
			NO	–	Cable, 3-wire, 10 m	IME12-04NPSZU6S	1043256
				–	Cable, 3-wire, 2 m	IME12-04NPSZW2S	1040750
					Cable, 3-wire, 5 m	IME12-04NPSZW5S	1043383
					Cable, 3-wire, 8 m	IME12-04NPSZWDSS03	1042862
					Male connector M12, 4-pin	IME12-04NPSVC0S	1058759
						IME12-04NPSZC0S	1040748
8 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME12-08NNOZW2K	1040792
					Male connector M12, 4-pin	IME12-08NNOZC0K	1040791
			NO	–	Cable, 3-wire, 2 m	IME12-08NNSZW2K	1040789
					Male connector M12, 4-pin	IME12-08NNSZC0K	1040787

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
		PNP	NC	–	Cable, 3-wire, 2 m	IME12-08NPOZW2K	1040785
					Cable, 3-wire, 5 m	IME12-08NPOZW5K	1118192
					Male connector M12, 4-pin	IME12-08NPOZC0K	1040783
						IME12-08NPOZC0KS64	1109923
		NO	NO	–	Cable, 3-wire, 10 m	IME12-08NPSZW6K	1044861
					Cable, 3-wire, 2 m	IME12-08NPSZW2K	1040781
					Male connector M12, 4-pin	IME12-08NPSZC0K	1040779
	Standard	NPN	NC	–	Cable, 3-wire, 2 m	IME12-08NNOZW2S	1040793
					Male connector M12, 4-pin	IME12-08NNOZC0S	1040826
			NO	–	Cable, 3-wire, 2 m	IME12-08NNSZW2S	1040790
					Male connector M12, 4-pin	IME12-08NNSZC0S	1040788
		PNP	NC	–	Cable with M12 male connector, 4-pin, 0.8 m	IME12-08NPOZQDSS53	1090476
					Cable, 3-wire, 2 m	IME12-08NPOZW2S	1040786
					Cable, 3-wire, 6 m	IME12-08NPOZW6S	1052158
					Male connector M12, 4-pin	IME12-08NPOZC0S	1040784
			NO	–	Cable with MOLEX-connector 43020-0409, 0.1 m	IME12-08NPSZWDSS61	1101193
					Cable, 3-wire, 2 m	IME12-08NPSZW2S	1040782
					Cable, 3-wire, 5 m	IME12-08NPSZW5S	1047147
					Cable with Tyco male connector, 3-pin, 450 mm	IME12-08NPSZWDSS49	1079641
					Male connector M12, 4-pin	IME12-08NPSZC0S	1040780
						IME12-08NPSZC0SS57	1093992

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- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** non-flush
- **Electrical wiring:** DC 4-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
4 mm	Short-body	PNP	Complementary	Male connector M12, 4-pin	IME12-04NPPZC0K	1043660
8 mm	Standard	PNP	Complementary	Male connector M12, 4-pin	IME12-08NPPZC0S	1060464

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** flush
- **Electrical wiring:** DC 4-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
4 mm	Short-body	PNP	Complementary	Cable, 4-wire, 2 m	IME12-04BPPZW2K	1056423
				Cable, 4-wire, 5 m	IME12-04BPPZW5K	1064560
				Male connector M12, 4-pin	IME12-04BPPZC0K	1060546
	Standard	PNP	Complementary	Male connector M12, 4-pin	IME12-04BPPZC0S	1060232

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** quasi-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
6 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BNOZW2K	1071217
					Male connector M12, 4-pin	IME12-06BNOZC0K	1071221
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BNSZW2K	1071216
					Male connector M12, 4-pin	IME12-06BNSZC0K	1071220
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BPOZW2K	1071215
					Male connector M12, 4-pin	IME12-06BPOZC0K	1071219
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BPSZW2K	1071214
					Cable, 3-wire, 3 m	IME12-06BPSZW3K	1092616
					Cable, 3-wire, 5 m	IME12-06BPSZW5K	1088039
					Cable, 3-wire, 7 m	IME12-06BPSZWDK	1095533
					Male connector M12, 4-pin	IME12-06BPSZC0K	1071218
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BNOZW2S	1071225
					Male connector M12, 4-pin	IME12-06BNOZC0S	1071229
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BNSZW2S	1071224
					Male connector M12, 4-pin	IME12-06BNSZC0S	1071228
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BPOZW2S	1071223
					Male connector M12, 4-pin	IME12-06BPOZC0S	1071227
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME12-06BPSZW2S	1071222
					Male connector M12, 4-pin	IME12-06BPSZC0S	1071226

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
2 mm	Standard	NO	Cable, 2-wire, 2 m	IME12-02BDSZY2S	1069022

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Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
4 mm	Short-body	NC	Cable, 2-wire, 2 m	IME12-04BDOZY2K	1109634
		NO	Cable, 2-wire, 2 m	IME12-04BDSZY2K	1072274
	Standard	NC	Cable, 2-wire, 2 m	IME12-04BDOZY2S	1068254
			Male connector M12, 4-pin	IME12-04BDOZC0S	1067200
		NO	Cable with M12 male connector, 4-pin, 0.3 m	IME12-04BDSZQ9S	1068718
			Cable, 2-wire, 2 m	IME12-04BDSZY2S	1068255
			Male connector M12, 4-pin	IME12-04BDSZC0S	1067178

- **Sub product family:** IME12
- **Cylindrical thread design:** M12
- **Installation type:** non-flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
8 mm	Standard	NC	Cable, 2-wire, 2 m	IME12-08NDOZY2S	1068256
			Male connector M12, 4-pin	IME12-08NDOZC0S	1067203
		NO	Cable, 2-wire, 2 m	IME12-08NDSZY2S	1068257
			Cable, 2-wire, 3 m	IME12-08NDSZY3S	1093042
			Male connector M12, 4-pin	IME12-08NDSZC0S	1067180

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
5 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME18-05BNOZW2K	1040947
				Male connector M12, 4-pin	IME18-05BNOZC0K	1040945
			NO	Cable, 3-wire, 2 m	IME18-05BNSZW2K	1040943

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
		PNP	NC	Cable, 3-wire, 3 m	IME18-05BNSZW3K	1047511
				Male connector M12, 4-pin	IME18-05BNSZC0K	1040941
				Cable, 3-wire, 2 m	IME18-05BPOZW2K	1040939
				Cable, 3-wire, 5 m	IME18-05BPOZW5K	1043474
				Male connector M12, 4-pin	IME18-05BPOZC0K	1040937
				Cable, 3-wire, 2 m	IME18-05BPSZW2K	1040935
				Cable, 3-wire, 5 m	IME18-05BPSZW5K	1042722
				Male connector M12, 4-pin	IME18-05BPSZC0K	1040933
		NPN	NC	Cable, 3-wire, 2 m	IME18-05BNOZW2S	1040948
				Cable, 3-wire, 5 m	IME18-05BNOZW5S	1048309
				Male connector M12, 4-pin	IME18-05BNOZC0S	1040946
			NO	Cable, 3-wire, 2 m	IME18-05BNSZW2S	1040944
				Male connector M12, 4-pin	IME18-05BNSZC0S	1040942
			NC	Cable, 3-wire, 2 m	IME18-05BPOZW2S	1040940
				Cable, 3-wire, 5 m	IME18-05BPOZW5S	1048308
				Male connector M12, 4-pin	IME18-05BPOZC0S	1040938
			NO	Cable, 3-wire, 10 m	IME18-05BPSZW6S	1044903
				Cable, 3-wire, 2 m	IME18-05BPSZW2S	1040936
				Cable, 3-wire, 5 m	IME18-05BPSZW5S	1046725
				Male connector M12, 4-pin	IME18-05BPSZC0S	1040934
	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME18-08BNOZW2K	1040979
				Male connector M12, 4-pin	IME18-08BNOZC0K	1040977
			NO	Cable, 3-wire, 2 m	IME18-08BNSZW2K	1040975
				Cable, 3-wire, 3 m	IME18-08BNSZW3K	1054020
				Male connector M12, 4-pin	IME18-08BNSZC0K	1040973
		PNP	NC	Cable with M12 male connector, 4-pin, 0.3 m	IME18-08BPOZQ9K	1084644
				Cable, 3-wire, 2 m	IME18-08BPOZW2K	1040971
				Cable, 3-wire, 3 m	IME18-08BPOZW3K	1054086

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Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.		
				Cable, 3-wire, 5 m	IME18-08BPOZW5K	1044534		
				Male connector M12, 4-pin	IME18-08BPOZC0K	1040969		
			NO	Cable with M12 male connector, 4-pin, 300 mm	IME18-08BPSZQ9KS25	1081180		
				Cable, 3-wire, 2 m	IME18-08BPSZW2K	1040967		
				Cable, 3-wire, 3 m	IME18-08BPSZW3K	1054018		
				Cable, 3-wire, 5 m	IME18-08BPSZW5K	1122599		
				Male connector M12, 4-pin	IME18-08BPSZC0K	1040965		
					IME18-08BPSZC0KS22	1068857		
			Standard	NPN	NC	Cable, 3-wire, 2 m	IME18-08BNOZW2S	1040980
						Male connector M12, 4-pin	IME18-08BNOZC0S	1040978
					NO	Cable, 3-wire, 2 m	IME18-08BNSZW2S	1040976
						Cable, 3-wire, 5 m	IME18-08BNSZW5S	1044613
					Male connector M12, 4-pin	IME18-08BNSZC0S	1040974	
				PNP	NC	Cable, 3-wire, 2 m	IME18-08BPOZW2S	1040972
	Male connector M12, 4-pin	IME18-08BPOZC0S				1040970		
		IME18-08BPOZC0SS12				1051973		
	NO	Cable, 3-wire, 2 m	IME18-08BPSZW2S		1040968			
		Cable, 3-wire, 5 m	IME18-08BPSZW5S	1048156				
		Male connector M12, 4-pin	IME18-08BPSZC0S	1040966				
			IME18-08BPSZC0SS11	1051972				

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** flush
- **Electrical wiring:** DC 4-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
5 mm	Short-body	PNP	Complementary	Male connector M12, 4-pin	IME18-05BPPZC0K	1092476
	Standard	PNP	Complementary	Male connector M12, 4-pin	IME18-05BPPZC0S	1046743
8 mm	Short-body	PNP	Complementary	Male connector M12, 4-pin	IME18-08BPPZC0K	1089009
	Standard	PNP	Complementary	Cable, 4-wire, 15 m	IME18-08BP-PZWDSS21	1067897
				Male connector M12, 4-pin	IME18-08BPPZC0S	1056708

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- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** non-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
12 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME18-12NNOZW2K	1040995
					Male connector M12, 4-pin	IME18-12NNOZCOK	1040993
			NO	–	Cable, 3-wire, 2 m	IME18-12NNSZW2K	1040991
					Male connector M12, 4-pin	IME18-12NNSZCOK	1040989
		PNP	NC	–	Cable, 3-wire, 2 m	IME18-12NPOZW2K	1040987
					Male connector M12, 4-pin	IME18-12NPOZCOK	1040985
			NO	–	Cable, 3-wire, 2 m	IME18-12NPSZW2K	1040983
					Male connector M12, 4-pin	IME18-12NPSZCOK	1040981
	Standard	NPN	NC	–	Cable, 3-wire, 2 m	IME18-12NNOZW2S	1040996
					Male connector M12, 4-pin	IME18-12NNOZCOS	1040994
			NO	–	Cable, 3-wire, 2 m	IME18-12NNSZW2S	1040992
					Male connector M12, 4-pin	IME18-12NNSZCOS	1040990
		PNP	NC	–	Cable, 3-wire, 2 m	IME18-12NPOZW2S	1040988
					Male connector M12, 4-pin	IME18-12NPOZCOS	1040986
			NO	–	Cable, 3-wire, 2 m	IME18-12NPSVW2S	1065020
						IME18-12NPSZW2S	1040984
					Cable, 3-wire, 5 m	IME18-12NPSZW5S	1048365
					Male connector M12, 4-pin	IME18-12NPSZCOS	1040982
						IME18-12NPSZC0SS33	1114517

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
20 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NNOZW2K	1071268
					Male connector M12, 4-pin	IME18-20NNOZC0K	1071272
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NNSZW2K	1071267
					Male connector M12, 4-pin	IME18-20NNSZC0K	1071271
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NPOZW2K	1071265
					Male connector M12, 4-pin	IME18-20NPOZC0K	1071270
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NPSZW2K	1071264
					Cable, 3-wire, 5 m	IME18-20NPSZW5K	1101098
					Male connector M12, 4-pin	IME18-20NPSZC0K	1071269
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NNOZW2S	1071276
					Male connector M12, 4-pin	IME18-20NNOZC0S	1071280
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NNSZW2S	1071275
					Male connector M12, 4-pin	IME18-20NNSZC0S	1071279
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NPOZW2S	1071274
					Male connector M12, 4-pin	IME18-20NPOZC0S	1071278
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-20NPSZW2S	1071273
					Male connector M12, 4-pin	IME18-20NPSZC0S	1071277
8 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME18-08NNOZW2K	1040963

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
				–	Male connector M12, 4-pin	IME18-08NNOZCOK	1040961
					Cable, 3-wire, 2 m	IME18-08NNSZW2K	1040959
				–	Male connector M12, 4-pin	IME18-08NNSZCOK	1040957
					Cable, 3-wire, 2 m	IME18-08NPOZW2K	1040955
		PNP	NC	–	Male connector M12, 4-pin	IME18-08NPOZCOK	1040953
					Cable, 3-wire, 2 m	IME18-08NPSZW2K	1040951
			NO	–	Cable, 3-wire, 2 m	IME18-08NPSZW5K	1042723
					Cable, 3-wire, 5 m	IME18-08NPSZCOK	1040949
				–	Male connector M12, 4-pin	IME18-08NNOZW2S	1040964
					Cable, 3-wire, 2 m	IME18-08NNOZCOS	1040962
	Standard	NPN	NC	–	Male connector M12, 4-pin	IME18-08NNSZW2S	1040960
					Cable, 3-wire, 2 m	IME18-08NNSZW2S	1040960
			NO	–	Cable, 3-wire, 2 m	IME18-08NNSZW2S	1040960
					Cable, 3-wire, 6 m	IME18-08NNSZWDSS06	1044601
				–	Male connector M12, 4-pin	IME18-08NNSZCOS	1040958
					Cable, 3-wire, 2 m	IME18-08NPOZW2S	1040956
		PNP	NC	–	Cable, 3-wire, 2 m	IME18-08NPOZW2S	1040956
					Cable, 3-wire, 5 m	IME18-08NPOZW5S	1049098
					Male connector M12, 4-pin	IME18-08NPOZCOS	1040954
			NO	–	Cable, 3-wire, 2 m	IME18-08NPSZW2S	1040952
					Cable, 3-wire, 5 m	IME18-08NPSZW5S	1046875
					Connector M8, 3-pin	IME18-08NPSZTOS	1068737
					Male connector M12, 4-pin	IME18-08NPSZCOS	1040950

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** non-flush
- **Electrical wiring:** DC 4-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
12 mm	Standard	PNP	Complementary	–	Male connector M12, 4-pin	IME18-12NPPZC0S	1044127
20 mm	Short-body	PNP	Complementary	Triple sensing range	Male connector M12, 4-pin	IME18-20NPPZC0K	1096266
8 mm	Standard	PNP	Complementary	–	Male connector M12, 4-pin	IME18-08NPPZC0S	1046894

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** quasi-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
12 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BNOZW2K	1071249

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
			NO	Triple sensing range	Male connector M12, 4-pin	IME18-12BNOZCOK	1071255
					Cable, 3-wire, 2 m	IME18-12BNSZW2K	1071248
					Cable with AMP male connector, 3-pin, 0.99 m	IME18-12BNSZUDKS28	1087502
					Male connector M12, 4-pin	IME18-12BNSZCOK	1071254
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPOZW2K	1071247
					Male connector M12, 4-pin	IME18-12BPOZCOK	1071253
			NO	–	Cable with M12 male connector, 4-pin, 0.3 m	IME18-12BPSZQ9KS24	1081179
					Cable, 3-wire, 2 m	IME18-12BPSZW2K	1071246
				Triple sensing range	Cable, 3-wire, 3 m	IME18-12BPSZW3K	1092617
					Cable, 3-wire, 5 m	IME18-12BPSZW5K	1088038
					Cable, 3-wire, 7 m	IME18-12BPSZWDK	1095534
					Male connector M12, 4-pin	IME18-12BPSZCOK	1071252
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BNOZW2S	1071259
					Male connector M12, 4-pin	IME18-12BNOZCOS	1071263
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BNSZW2S	1071258
					Male connector M12, 4-pin	IME18-12BNSZCOS	1071262
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPOZW2S	1071257
					Male connector M12, 4-pin	IME18-12BPOZCOS	1071261
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPSZW2S	1071256
					Male connector M12, 4-pin	IME18-12BPSZCOS	1071260

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
8 mm	Short-body	NC	Cable, 2-wire, 2 m	IME18-08BDOZY2K	1109636
		NO	Cable, 2-wire, 2 m	IME18-08BDSZY2K	1072277
	Standard	NC	Cable, 2-wire, 2 m	IME18-08BDOZY2S	1068258
			Male connector M12, 4-pin	IME18-08BDOZC0S	1067206
		NO	Cable with M12 male connector, 4-pin, 0.3 m	IME18-08BDSZQ9S	1068719
			Cable, 2-wire, 2 m	IME18-08BDSZY2S	1068259
			Male connector M12, 4-pin	IME18-08BDSZC0S	1067207

- **Sub product family:** IME18
- **Cylindrical thread design:** M18
- **Installation type:** non-flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
12 mm	Standard	NC	Cable, 2-wire, 2 m	IME18-12NDOZY2S	1068260
			Male connector M12, 4-pin	IME18-12NDOZC0S	1067222
		NO	Cable, 2-wire, 2 m	IME18-12NDSZY2S	1068261
			Male connector M12, 4-pin	IME18-12NDSZC0S	1067181

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
10 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME30-10BNOZW2K	1041011
				Male connector M12, 4-pin	IME30-10BNOZC0K	1041010
			NO	Cable, 3-wire, 2 m	IME30-10BNSZW2K	1041007
				Male connector M12, 4-pin	IME30-10BNSZC0K	1041005
		PNP	NC	Cable, 3-wire, 2 m	IME30-10BPOZW2K	1041003
				Male connector M12, 4-pin	IME30-10BPOZC0K	1041001
			NO	Cable, 3-wire, 10 m	IME30-10BPSZW6K	1047654
				Cable, 3-wire, 2 m	IME30-10BPSZW2K	1040999
				Cable, 3-wire, 5 m	IME30-10BPSZW5K	1042720
				Male connector M12, 4-pin	IME30-10BPSZC0K	1040997
	Standard	NPN	NC	Cable, 3-wire, 2 m	IME30-10BNOZW2S	1041012
				Male connector M12, 4-pin	IME30-10BNOZC0S	1041009
			NO	Cable, 3-wire, 2 m	IME30-10BNSZW2S	1041008
				Cable, 3-wire, 6 m	IME30-10BNSZWDSS06	1044604
			PNP	Male connector M12, 4-pin	IME30-10BNSZC0S	1041006
				Cable, 3-wire, 2 m	IME30-10BPOZW2S	1041004
				Male connector M12, 4-pin	IME30-10BPOZC0S	1041002
			NO	Cable, 3-wire, 2 m	IME30-10BPSZW2S	1041000
				Male connector M12, 4-pin	IME30-10BPSZC0S	1040998
12 mm	Standard	PNP	NC	Male connector M12, 4-pin	IME30-12BPOZC0SS14	1051974
15 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME30-15BNOZW2K	1041043

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
			NO	Male connector M12, 4-pin	IME30-15BNOZC0K	1041041
				Cable, 3-wire, 2 m	IME30-15BNSZW2K	1041039
				Male connector M12, 4-pin	IME30-15BNSZC0K	1041037
		PNP	NC	Cable, 3-wire, 2 m	IME30-15BPOZU2KS43	1122818
					IME30-15BPOZW2K	1041035
				Male connector M12, 4-pin	IME30-15BPOZC0K	1041033
			NO	Cable, 3-wire, 0.1 m	IME30-15BPSZW7K	1116265
				Cable, 3-wire, 2 m	IME30-15BPSZW2K	1041031
				Male connector M12, 4-pin	IME30-15BPSZC0K	1041029
					IME30-15BPSZC0KS34	1098582
	Standard	NPN	NC	Cable, 3-wire, 2 m	IME30-15BNOZW2S	1041044
				Male connector M12, 4-pin	IME30-15BNOZC0S	1041042
			NO	Cable, 3-wire, 2 m	IME30-15BNSZW2S	1041040
				Cable, 3-wire, 5 m	IME30-15BNSZW5S	1044614
				Male connector M12, 4-pin	IME30-15BNSZC0S	1041038
		PNP	NC	Cable, 3-wire, 2 m	IME30-15BPOZW2S	1041036
				Male connector M12, 4-pin	IME30-15BPOZC0S	1041034
			NO	Cable, 3-wire, 2 m	IME30-15BPOZU2SS40	1104694
					IME30-15BPSZW2S	1041032
				Male connector M12, 4-pin	IME30-15BPSZC0S	1041030

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** non-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
15 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME30-15NNOZW2K	1041027
					Male connector M12, 4-pin	IME30-15NNOZC0K	1041025

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Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
			NO	–	Cable, 3-wire, 2 m	IME30-15NNSZW2K	1041023
					Male connector M12, 4-pin	IME30-15NNSZC0K	1041021
		PNP	NC	–	Cable, 3-wire, 2 m	IME30-15NPOZW2K	1041019
					Male connector M12, 4-pin	IME30-15NPOZC0K	1041017
			NO	–	Cable, 3-wire, 2 m	IME30-15NPSZW2K	1041015
					Cable, 3-wire, 5 m	IME30-15NPSZW5K	1042721
					Male connector M12, 4-pin	IME30-15NPSZC0K	1041013
	Standard	NPN	NC	–	Cable, 3-wire, 2 m	IME30-15NNOZW2S	1041028
					Male connector M12, 4-pin	IME30-15NNOZC0S	1041026
			NO	–	Cable, 3-wire, 2 m	IME30-15NNSZW2S	1041024
					Cable, 3-wire, 6 m	IME30-15NNSZWDSS07	1044605
					Male connector M12, 4-pin	IME30-15NNSZC0S	1041022
		PNP	NC	–	Cable, 3-wire, 2 m	IME30-15NPOZW2S	1041020
					Cable, 3-wire, 5 m	IME30-15NPOZW5S	1049100
					Male connector M12, 4-pin	IME30-15NPOZC0S	1041018
			NO	–	Cable, 3-wire, 10 m	IME30-15NPSZW6S	1042633
					Cable, 3-wire, 2 m	IME30-15NPSZW2S	1041016
					Cable, 3-wire, 5 m	IME30-15NPSZW5S	1043386
					Cable with Phoenix MC1 male connector, 5/3ST-3, 81, 3-pin, 5 m	IME30-15NPSZW5SS17	1054335
					Male connector M12, 4-pin	IME30-15NPSZC0S	1041014

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
20 mm	Short-body	NPN	NC	–	Cable, 3-wire, 2 m	IME30-20NNOZW2K	1041059
					Male connector M12, 4-pin	IME30-20NNOZC0K	1041057
			NO	–	Cable, 3-wire, 2 m	IME30-20NNSZW2K	1041055
					Male connector M12, 4-pin	IME30-20NNSZC0K	1041053
		PNP	NC	–	Cable, 3-wire, 2 m	IME30-20NPOZW2K	1041051
					Male connector M12, 4-pin	IME30-20NPOZC0K	1041049
			NO	–	Cable, 3-wire, 2 m	IME30-20NPSZW2K	1041047
					Male connector M12, 4-pin	IME30-20NPSZC0K	1041045
	Standard	NPN	NC	–	Cable, 3-wire, 2 m	IME30-20NNOZW2S	1041060
					Cable, 3-wire, 5 m	IME30-20NNOZW5S	1046514
					Male connector M12, 4-pin	IME30-20NNOZC0S	1041058
			NO	–	Cable, 3-wire, 2 m	IME30-20NNSZW2S	1041056
					Cable, 3-wire, 5 m	IME30-20NNSZW5S	1046515
					Male connector M12, 4-pin	IME30-20NNSZC0S	1041054
		PNP	NC	–	Cable, 3-wire, 2 m	IME30-20NPOZW2S	1041052
					Male connector M12, 4-pin	IME30-20NPOZC0S	1041050
			NO	–	Cable, 3-wire, 2 m	IME30-20NPSZW2S	1041048
					Cable, 3-wire, 5 m	Kopie von IME30-20NPSZW5S	1092691
					Male connector M12, 4-pin	IME30-20NPSZC0S	1041046

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
38 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NNOZW2K	1071299
					Male connector M12, 4-pin	IME30-38NNOZC0K	1071304
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NNSZW2K	1071298
					Male connector M12, 4-pin	IME30-38NNSZC0K	1071303
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NPOZW2K	1071297
					Male connector M12, 4-pin	IME30-38NPOZC0K	1071302
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NPSZW2K	1071300
					Male connector M12, 4-pin	IME30-38NPSZC0K	1071301
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NNOZW2S	1071308
					Male connector M12, 4-pin	IME30-38NNOZC0S	1071312
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NNSZW2S	1071307
					Male connector M12, 4-pin	IME30-38NNSZC0S	1071311
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NPOZW2S	1071306
					Male connector M12, 4-pin	IME30-38NPOZC0S	1071310
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-38NPSZW2S	1071305
					Male connector M12, 4-pin	IME30-38NPSZC0S	1071309

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** flush
- **Electrical wiring:** DC 4-wire

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
10 mm	Standard	PNP	Complementary	Cable, 4-wire, 15 m	IME30-10BP-PZUDSS27	1073189
15 mm	Short-body	PNP	Complementary	Cable, 4-wire, 2 m	IME30-15BPPZW2K	1057551
	Standard	PNP	Complementary	Cable, 4-wire, 15 m	IME30-15BP-PZUDSS28	1073996
				Male connector M12, 4-pin	IME30-15BPPZC0S	1063923

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** quasi-flush
- **Electrical wiring:** DC 3-wire

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
20 mm	Short-body	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNOZW2K	1071284
					Male connector M12, 4-pin	IME30-20BNOZC0K	1071288
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNSZW2K	1071283
					Male connector M12, 4-pin	IME30-20BNSZC0K	1071287
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPOZW2K	1071282
					Male connector M12, 4-pin	IME30-20BPOZC0K	1071286
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPSZW2K	1071281
					Male connector M12, 4-pin	IME30-20BPSZC0K	1071285
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNOZW2S	1071292
					Male connector M12, 4-pin	IME30-20BNOZC0S	1071296
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNSZW2S	1071291
					Male connector M12, 4-pin	IME30-20BNSZC0S	1071295
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPOZW2S	1071290
					Male connector M12, 4-pin	IME30-20BPOZC0S	1071294
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPSZW2S	1071289
					Male connector M12, 4-pin	IME30-20BPSZC0S	1071293

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Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
22 mm	Standard	PNP	NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-22BPSZW2SS42	1108099

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
15 mm	Short-body	NO	Cable, 2-wire, 2 m	IME30-15BDSZY2K	1072343
	Standard	NC	Cable, 2-wire, 2 m	IME30-15BDOZY2S	1068263
			Male connector M12, 4-pin	IME30-15BDOZC0S	1067226
		NO	Cable, 2-wire, 2 m	IME30-15BDSZY2S	1068264
			Male connector M12, 4-pin	IME30-15BDSZC0S	1067183

- **Sub product family:** IME30
- **Cylindrical thread design:** M30
- **Installation type:** non-flush
- **Electrical wiring:** DC 2-wire

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
20 mm	Standard	NC	Cable, 2-wire, 2 m	IME30-20NDOZY2S	1068266
			Male connector M12, 4-pin	IME30-20NDOZC0S	1067235
		NO	Cable, 2-wire, 2 m	IME30-20NDSZY2S	1068267
			Male connector M12, 4-pin	IME30-20NDSZC0S	1067184

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