



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 → www.sick.com/IME

- **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	IME08-1B5NOZW2K	1040851
				Connector M8, 3-pin	IME08-1B5NOZT0K	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.
1 mm	Standard	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	
		Connector M8, 3-pin	IME08-1B5PSZT0KS44	1091110		
		NPN	NC	Cable, 3-wire, 2 m	IME08-1B5N0ZW2S	1040852
				Connector M8, 3-pin	IME08-1B5N0ZT0S	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
	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				
	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	1040875		
		2 mm	Short-body	PNP	NC	Cable, 3-wire, 3 m	IME08-02BPOZW3K	1084271
						Cable, 3-wire, 5 m	IME08-02BPOZW5K	1047423
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			
Cable, 3-wire, 5 m	IME08-02BPSZW5K				1047424			
Connector M8, 3-pin	IME08-02BPSZT0K			1040869				
Standard	NPN		NC	Cable, 3-wire, 10 m	IME08-02BNOZW6S	1044816		
				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	NO	Connector M8, 3-pin	IME08-02BNOZT0S	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	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			

- **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
			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

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

Sensing range S_n	Housing	Switching output	Output function	Special features	Connection type	Type	Part no.
	Standard	NPN	NO	-	Cable, 3-wire, 2 m	IME08-04NPSZW2K	1040887
					Cable, 3-wire, 5 m	IME08-04NPSZW5K	1050046
					Connector M8, 3-pin	IME08-04NPSZT0K	1040885
						IME08-04NPSZT0KS07	1047752
		NC	-	Cable, 3-wire, 2 m	IME08-04NNOZW2S	1040900	
				Connector M8, 3-pin	IME08-04NNOZT0S	1040898	
		NO	-	Cable, 3-wire, 2 m	IME08-04NNSZW2S	1040896	
				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
	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	

- **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
	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		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		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	NO	Cable, 2-wire, 2 m	IME08-02BDSZY2K	1070432
			Connector M8, 3-pin	IME08-02BD0ZT0S	1067108
	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

Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.			
		PNP	NO		IME12-02BNOZW2KS16	1045051			
				Male connector M12, 4-pin	IME12-02BNOZC0K	1040744			
				Cable, 3-wire, 2 m	IME12-02BNSZW2K	1040741			
					IME12-02BNSZW2KS14	1044939			
					IME12-02BNSZW2KS15	1045050			
			Male connector M12, 4-pin	IME12-02BNSZC0K	1040739				
			NC	Cable, 3-wire, 2 m	IME12-02BPOZW2K	1040737			
				Male connector M12, 4-pin	IME12-02BPOZC0K	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	IME12-02BPSZC0K		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

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	
				Male connector M12, 4-pin	IME12-04BNOZC0K	1040775	
			NO	Cable, 3-wire, 2.5 m	IME12-04BNSZWDK	1060014	
				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	IME12-04BPSZWDKPO2	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	IME12-04BPSZW2K	1040765			
		Cable, 3-wire, 3 m	IME12-04BPSZU3K	1042735			
Cable, 3-wire, 5 m	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	
					IME12-04BPSZC0KS21	1051971	
					IME12-04BPSZC0KS41	1068239	

Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.		
	Standard	NPN	NC	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	IME12-04BNOZCOS	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	IME12-04BNSZCOS	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			IME12-04BPOZCOS	1040768	
					IME12-04BPOZCOSS01	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		IME12-04BPSZCOS	1040764		
		IME12-04BPSZCOSS71	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	
	Male connector M12, 4-pin		IME12-10NNSZC0S	1071244				
	PNP		NC	Triple sensing range	Cable, 3-wire, 2 m	IME12-10NPOZW2S	1071239	
					Male connector M12, 4-pin	IME12-10NPOZC0S	1071243	
NO			Triple sensing range	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		

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			
				IME12-04NNOZW2S	1040762			
		Standard	NPN	NC	-	Cable, 3-wire, 2 m	IME12-04NNOZC0S	1040760
						Male connector M12, 4-pin	IME12-04NNSZW2S	1040757
				NO	-	Cable, 3-wire, 2 m	IME12-04NNSZC0S	1040756
						Male connector M12, 4-pin	IME12-04NPOZU6S	1043926
	PNP		NC	-	Cable, 3-wire, 10 m	IME12-04NPOZW2S	1040754	
					Cable, 3-wire, 2 m	IME12-04NPOZC0S	1040752	
					Male connector M12, 4-pin	IME12-04NPSZU6S	1043256	
	NO		-	Cable, 3-wire, 10 m	IME12-04NPSZW2S	1040750		
				Cable, 3-wire, 2 m	IME12-04NPSZW5S	1043383		
				Cable, 3-wire, 5 m	IME12-04NPSZWDSS03	1042862		
		Cable, 3-wire, 8 m		IME12-04NPSVC0S	1058759			
		Male connector M12, 4-pin		IME12-04NPSZC0S	1040748			
		IME12-04NNOZW2K		1040792				
		IME12-08NNOZC0K		1040791				
8 mm	Short-body	NPN	NC	-	Cable, 3-wire, 2 m	IME12-08NNSZW2K	1040789	
					Male connector M12, 4-pin	IME12-08NNSZC0K	1040787	
		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		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	

- **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	IME12-04NPPZCOK	1043660
8 mm	Standard	PNP	Complementary	Male connector M12, 4-pin	IME12-08NPPZCOS	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	IME12-04BPPZCOK	1060546
	Standard	PNP	Complementary	Male connector M12, 4-pin	IME12-04BPPZCOS	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		
		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

Sensing range S_n	Housing	Output function	Connection type	Type	Part no.
4 mm	Short-body	NO	Cable, 2-wire, 2 m	IME12-04BDSZY2K	1072274
		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				
		Standard	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	
	PNP					NC	Cable, 3-wire, 2 m	IME18-05BPOZW2S
			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			
		8 mm	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			

Sensing range S _n	Housing	Switching output	Output function	Connection type	Type	Part no.		
			NO	Cable, 3-wire, 5 m	IME18-08BPOZW5K	1044534		
				Male connector M12, 4-pin	IME18-08BPOZC0K	1040969		
				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
	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

- **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	IME18-08NNOZC0K	1040961			
					Cable, 3-wire, 2 m	IME18-08NNSZW2K	1040959			
			NO	-	Male connector M12, 4-pin	IME18-08NNSZC0K	1040957			
					Cable, 3-wire, 2 m	IME18-08NPOZW2K	1040955			
		PNP	NC	-	Male connector M12, 4-pin	IME18-08NPOZC0K	1040953			
					Cable, 3-wire, 2 m	IME18-08NPSZW2K	1040951			
			NO	-	Cable, 3-wire, 2 m	IME18-08NPSZW5K	1042723			
					Cable, 3-wire, 5 m	IME18-08NPSZC0K	1040949			
		Standard	NPN	NC	-	Cable, 3-wire, 2 m	IME18-08NNOZW2S	1040964		
						Male connector M12, 4-pin	IME18-08NNOZC0S	1040962		
						NO	-	Cable, 3-wire, 2 m	IME18-08NNSZW2S	1040960
								Cable, 3-wire, 6 m	IME18-08NNSZWDSS06	1044601
								Male connector M12, 4-pin	IME18-08NNSZC0S	1040958
				PNP	NC	-	Cable, 3-wire, 2 m	IME18-08NPOZW2S	1040956	
	Cable, 3-wire, 5 m						IME18-08NPOZW5S	1049098		
	Male connector M12, 4-pin						IME18-08NPOZC0S	1040954		
	NO				-	Cable, 3-wire, 2 m	IME18-08NPSZW2S	1040952		
						Cable, 3-wire, 5 m	IME18-08NPSZW5S	1046875		
	Connector M8, 3-pin	IME18-08NPSZT0S	1068737							
	Male connector M12, 4-pin	IME18-08NPSZC0S	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	IME18-12NPPZCOS	1044127
20 mm	Short-body	PNP	Complementary	Triple sensing range	Male connector M12, 4-pin	IME18-20NPPZCOK	1096266
8 mm	Standard	PNP	Complementary	-	Male connector M12, 4-pin	IME18-08NPPZCOS	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	
					Male connector M12, 4-pin	IME18-12BNOZCOK	1071255	
		NO	Triple sensing range	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		
					Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPSZW2K	1071246
						Cable, 3-wire, 3 m	IME18-12BPSZW3K	1092617
	Cable, 3-wire, 7 m					IME18-12BPSZWDK	1095534	
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BNOZW2S	1071259	
					Male connector M12, 4-pin	IME18-12BNOZC0S	1071263	
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BNSZW2S	1071258	
						Male connector M12, 4-pin	IME18-12BNSZC0S	1071262
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPOZW2S	1071257	
					Male connector M12, 4-pin	IME18-12BPOZC0S	1071261	
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME18-12BPSZW2S	1071256	
						Male connector M12, 4-pin	IME18-12BPSZC0S	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	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
			Male connector M12, 4-pin	IME30-10BNSZC0S	1041006		
				PNP	NC	Cable, 3-wire, 2 m	IME30-10BPOZW2S
			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
			Standard		PNP	NC	Male connector M12, 4-pin

Sensing range S_n	Housing	Switching output	Output function	Connection type	Type	Part no.
15 mm	Short-body	NPN	NC	Cable, 3-wire, 2 m	IME30-15BNOZW2K	1041043
				Male connector M12, 4-pin	IME30-15BNOZC0K	1041041
			NO	Cable, 3-wire, 2 m	IME30-15BNSZW2K	1041039
				Male connector M12, 4-pin	IME30-15BNSZC0K	1041037
		PNP	NC	Cable, 3-wire, 2 m	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
					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

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
	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	IME30-15BPPZCOS	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	IME30-20BNOZCOK	1071288
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNSZW2K	1071283
					Male connector M12, 4-pin	IME30-20BNSZCOK	1071287
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPOZW2K	1071282
					Male connector M12, 4-pin	IME30-20BPOZCOK	1071286
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPSZW2K	1071281
					Male connector M12, 4-pin	IME30-20BPSZCOK	1071285
	Standard	NPN	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNOZW2S	1071292
					Male connector M12, 4-pin	IME30-20BNOZCOS	1071296
			NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BNSZW2S	1071291
					Male connector M12, 4-pin	IME30-20BNSZCOS	1071295
		PNP	NC	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPOZW2S	1071290
					Male connector M12, 4-pin	IME30-20BPOZCOS	1071294
NO	Triple sensing range	Cable, 3-wire, 2 m	IME30-20BPSZW2S	1071289			
		Male connector M12, 4-pin	IME30-20BPSZCOS	1071293			

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
		NC	Cable, 2-wire, 2 m	IME30-15BDOZY2S	1068263
	Male connector M12, 4-pin		IME30-15BDOZCOS	1067226	
	NO		Cable, 2-wire, 2 m	IME30-15BDSZY2S	1068264
		Male connector M12, 4-pin	IME30-15BDSZCOS	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	IME30-20NDOZCOS	1067235
		NO	Cable, 2-wire, 2 m	IME30-20NDSZY2S	1068267
			Male connector M12, 4-pin	IME30-20NDSZCOS	1067184

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