



Reflectors



Product description

Reflectors are mainly used in combination with opto-electronic sensors to detect objects and support safety applications. They reflect light beams back to the sensor, thereby reliably detecting interruptions caused by objects or people.

Ordering information

Other models and accessories → www.sick.com/Reflectors

Description	Dimensions	Connection types	Ambient operating temperature	Items supplied	Type	Part no.
–	–	–	–20 °C ... +60 °C	–	REF-IRF600077S02	5338885
				100 pieces per pack	REF-IRF6000113P01	5340772
	18 mm 40 mm	–	–20 °C ... +65 °C	–	PL21AS01	1025512
	32 mm 48 mm	–	–20 °C ... +50 °C	–	PL41A	5331146
	35 mm 35 mm	–	–20 °C ... +60 °C	–	P35F	2117710
	45,700 mm 20 mm	–	–20 °C ... +60 °C	–	REF-IRF60002045700	5352220
	51.1 mm 51.2 mm	–	–30 °C ... +99 °C ¹⁾	–	PL250FH	5341341
"Diamond grade" reflective tape, self-adhesive, can be assembled from the sheet	74.9 cm 91.4 cm ²⁾	–	–34 °C ... +70 °C	–	REF-DG-K	4019634
100 pieces per pack, red, self-adhesive	25 mm 50 mm	–	–20 °C ... +60 °C	–	REF-Plus-RED-2550	5320285
20 pieces reflective tape, standard, 100 mm x 100 mm	–	–	–	–	Reference target for collision protection	2082134
6 pieces reflective tape,	–	–	–	–	Reference target for collision protection	2078643

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
standard, 100 mm x 100 mm						
Adapter flange for SST D0 80-xxx dust protection tubes and SLV- PL50 rinse air adapter, for PL50A reflector	–	–	–	–	FLV-PL50	1000130
Anti-fog to prevent mois- ture conden- sation on the reflective sur- face, screw connection	40 mm 60 mm	–	–30 °C ... +65 °C ¹⁾	–	PL40A Antifog	5322011
C11 fine triple reflector, screw connection, suitable for detecting trans- parent objects	20 mm 32 mm	–	–30 °C ... +99 °C	–	PL10FH-1	5335696
C12 fine triple reflector, screw connection, suitable for detecting trans- parent objects	20 mm 32 mm	–	–30 °C ... +99 °C	–	PL10FH	5333929
Chemically resistant, screw connection	18.1 mm 59.8 mm	–	–20 °C ... +140 °C	–	PL20 CHEM	5321089
	19.2 mm 60 mm	–	–20 °C ... +140 °C	–	PL20CHEMS01	5343728
	52 mm 61 mm	–	–20 °C ... +140 °C	–	P250 CHEM	5321097
Chemically resistant, screw connection, suitable for laser sensors	20 mm 60 mm	–	–20 °C ... +140 °C	–	PL20F-CHEM	5326089
Constant heat- ing, screw connection, width across flats 48 mm	–	–	–30 °C ... +65 °C ¹⁾	–	PL50HK	1011545

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Controlled heating, screw connection, heating on: T < 15 °C, width across flats 48 mm	–	–	–20 °C ... +65 °C	–	PL50HS	1009871
Diamond Grade reflective tape, 76.2 mm x 76.2 mm x 0.8 mm, self-adhesive, abra-sion-resis-tant, 10 pcs.	76.2 mm 0.8 mm 76.2 mm	–	–	10 pieces	RTC 3-3P	7020578
Diamond grade reflective tape	–	–	–	–	Reflector tape	7026924
Diamond grade reflective tape, height: 25 mm, length made to order	–	–	–	–	RTC 1-Y	7020540
Diamond grade reflective tape, height: 76 mm, length made to order	–	–	–	–	RTC 3-Y	7020541
Diamond grade reflective tape, rolled, 25 mm x 45000 mm	–	–	–	–	RTC 1-50C	7020570
Diamond grade reflective tape, rolled, 76 mm x 23000 mm	–	–	–	–	RTC 3-25C	7020572
Diamond grade reflective tape, sheets, 100 mm x 100 mm (50 pcs.)	–	–	–	–	RTC 4-4C	7020574
Diamond grade reflective tape, sheets, 100mm x 100 mm (10 pcs.)	–	–	–	–	RTC 4-4P	7020575

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Diamond grade reflective tape, sheets, 215 mm x 280 mm	–	–	–	–	RTC 8-11S	7020579
Diamond grade reflective tape, sheets, 215 mm x 280 mm (20 pcs.)	–	–	–	–	RTC 8-11C	7020576
Diamond grade reflective tape, sheets, 215 mm x 280 mm (5 pcs.)	–	–	–	–	RTC 8-11P	7020580
Diamond grade reflective tape, sheets, 457 mm x 914 mm	–	–	–	–	RTC 18-36S	7020581
Diamond grade reflective tape, sheets, 76 mm x 76 mm (100 pcs.)	–	–	–	–	RTC 3-3C	7020573
Diamond grade reflective tape, sheets, 76 mm x 76 mm (5 pcs.)	–	–	–	–	RTC 18-36C	7020577
Dust protection tube, length: 184 mm, accessory for FLV-PL50, PL53A, SW50, OP60(-20), OP61, SLV-PL50	–	–	–	–	SST DO 80-184	1000134
Dust protection tube, length: 90 mm, accessory for FLV-PL50, PL53A, SW50,	–	–	–	–	SST DO 80-090	1000252

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Description	Dimensions	Con- nection types	Ambient operating temperature	Items supplied	Type	Part no.
OP60(-20), OP61, SLV-PL50						
Fine triple re- flector, chem- ically resis- tant, screw connection	20 mm 32 mm	–	–20 °C ... +140 °C	–	PL10F CHEM	5321636
					PL10FB-CHEM	5327722
Fine triple re- flector, screw connection, black rear cov- er, suitable for laser sensors	20 mm 60 mm	–	–30 °C ... +65 °C	–	PL20FS01	5313478
Fine triple reflector, screw connection, suitable for laser sensors	13 mm 33 mm	–	–30 °C ... +65 °C	–	PL12F	5327933
	20 mm 32 mm	–	–30 °C ... +65 °C ¹⁾	–	PL10F	5311210
	20 mm 60 mm	–	–30 °C ... +65 °C ¹⁾	–	PL20F	5308844
	30 mm 20 mm	–	–30 °C ... +50 °C	–	PL19F	5334212
	30 mm 82 mm	–	–30 °C ... +65 °C	–	PL30F	5326523
	50 mm 80 mm	–	–30 °C ... +65 °C	–	PL81-1F	5325060
	52 mm 62 mm	–	–30 °C ... +65 °C ¹⁾	–	P250F	5308843
Fine triple reflector, screw connection, suitable for laser sensors, width across flats 48 mm	–	–	–30 °C ... +65 °C	–	P55F	5313924
Fine triple, not self-ad- hesive, high temperature up to 99 °C, ø 10 mm, ø Reflexions- fläche 8 mm	–	–	–30 °C ... +99 °C	–	PL8FH	5328583

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Fine triple, not self-adhe- sive, Ø 10 mm, Ø Reflexions- fläche 8 mm	–	–	–30 °C ... +65 °C	–	PL8F	5327934
Fine triple, pla- nar, suitable for laser sensors	10 mm 50 mm	–	–30 °C ... +65 °C	–	PL15F	5313849
	19.2 mm 60 mm	–	–30 °C ... +65 °C	–	PL20F-A	5327808
	75 mm 25 mm	–	–30 °C ... +65 °C	–	PL25FA	5340878
Fine triple, self-adhesive, suitable for laser sensors	20 mm 30 mm	–	–30 °C ... +65 °C	–	PL18F	5319994
Fine triple, self-adhe- sive, suitable for laser sen- sors, diame- ter 21 mm	–	–	–30 °C ... +65 °C	–	P21F-1	5329421
Fine triple, self-adhe- sive, suitable for laser sen- sors, Ø 23 mm	–	–	–30 °C ... +65 °C	–	P25F-1	5319385
Fine triple, self-adhesive, Ø 15 mm, Ø Reflexions- fläche 13 mm	–	–	–30 °C ... +65 °C	–	PL14F	5331499
High-tempera- ture reflector, glass, screw connection	–	–	≤ +300 °C	–	SW50	1000131
High-temper- ature reflec- tor, screw connection	52 mm 62 mm	–	–20 °C ... +110 °C	–	P250H	5315124
IRF 2000 re- flective tape, 1000 mm x 30 mm x 0.3 mm, with- out polariza- tion effect	–	–	–10 °C ... +60 °C	–	REF-AX-006	2079238

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IRF 2000 re- flective tape, 110 mm x 30 mm x 2.3 mm, with- out polariza- tion effect	–	–	–10 °C ... +60 °C	–	REF-AX-001	2049250
IRF 2000 re- flective tape, 220 mm x 10 mm x 0.3 mm, with- out polariza- tion effect	–	–	–10 °C ... +60 °C	–	REF-AX-004	2062695
IRF 2000 re- flective tape, 220 mm x 50 mm x 0,3 mm, with- out polariza- tion effect	–	–	–10 °C ... +60 °C	–	REF-AX-005	2069161
IRF 2000 re- flective tape, 95 mm x 30 mm x 0.15 mm, without polar- ization effect	–	–	–10 °C ... +60 °C	–	REF-AX-002	2049249
Oil-tight, re- sistant to sol- vents, screw connection	–	–	–20 °C ... +65 °C	–	PL53A	1000382
PL80A 8x com- bination reflec- tor and reflec- tive tape, alu- minum plate (AIMG3) with reflectors, with polariza- tion effect	3 mm	–	–25 °C ... +65 °C	–	PL240F	1013784
REF-Plus re- flective tape, 100 pieces per pack, suit- able for photo- electric retro- reflective sen-	34 mm 36 mm	–	–20 °C ... +60 °C	–	REF-Plus-3436	5321337

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sors with polar- isation filter						
Rectangu- lar, M3 screw connection, countersunk screw head	40 mm 60 mm	–	–20 °C ... +65 °C	–	PL40B	5320134
					PL40BP01	5342431
Rectangular, M3 screw con- nection, coun- tersunk screw head, chemi- cally resistant	40 mm 60 mm	–	–20 °C ... +140 °C	–	PL40B-CHEM	5326088

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Rectangu- lar, screw connection	100 mm 100 mm	–	–20 °C ... +65 °C	–	PL100	5321625
	12.5 mm 54 mm	–	–20 °C ... +65 °C	–	P45A	5320027
	18 mm 60 mm	–	–30 °C ... +65 °C ¹⁾	–	PL20A	1012719
	23.5 mm 39.2 mm	–	–20 °C ... +65 °C	–	P22	5322051
	24 mm 80 mm	–	–20 °C ... +50 °C	–	PL23A	5334492
	29 mm 45 mm	–	–20 °C ... +65 °C	–	P40	5313923
	30 mm 82 mm	–	–20 °C ... +65 °C	–	PL30A	1002314
	32.5 mm 65 mm	–	–20 °C ... +65 °C	–	P32	5314001
	35 mm 42 mm	–	–20 °C ... +65 °C	–	P42	5314825
	37 mm 56 mm	–	–30 °C ... +65 °C	–	PL40AF	5342738
	40 mm 60 mm	–	–30 °C ... +65 °C ¹⁾	–	PL40A	1012720
	47 mm 47 mm	–	–20 °C ... +65 °C	Mounting system BEF- KHSQ12R02 (premounted)	P250P03	2087587
	51 mm 61 mm	–	–30 °C ... +65 °C ¹⁾	–	P250	5304812
	84 mm 84 mm	–	–30 °C ... +65 °C ¹⁾	–	PL80A	1003865
Rectangular, screw con- nection, an- ti-fog reflector	84 mm 9.1 mm	–	–20 °C ... +65 °C	–	PL80A-AF	5334483
Rectangular, screw connec- tion, black rear cover	20 mm 60 mm	–	–20 °C ... +65 °C	–	PL20B	5323990
	38 mm 15 mm	–	–20 °C ... +65 °C	–	PL20BP01	5341914
Rectangular, screw con-	37 mm 56 mm	–	–20 °C ... +65 °C	–	PL40AP01	1029160

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nection, incl. mounting ma- terial: 2 M4x20 screws, 2 M4 nuts, 2 4.3 washers						
Rectangular, screw con- nection, pre- installed on BEF-KHS-F01	38 mm 15 mm	–	–20 °C ... +65 °C	–	PL20A-P01	1029229
Rectangular, screw connec- tion, white rear cover	52 mm 62 mm	–	–20 °C ... +65 °C	–	P250-W	5319980
Rectangu- lar, screw connection, width across flats 48 mm	–	–	–20 °C ... +65 °C	–	PL50A	1000132
Rectangular, self-adhesive	18 mm 150 mm	–	–20 °C ... +65 °C	–	PL150	5315548
	18 mm 40 mm	–	–20 °C ... +65 °C	–	PL21A	1015172
	30 mm 59 mm	–	–20 °C ... +65 °C	–	PL31A	1002315
	50 mm 80 mm	–	–20 °C ... +65 °C	–	PL81	5322795
	56 mm 28 mm	–	–20 °C ... +65 °C	–	PL31AP01	2099245
Rectangu- lar, self-adhe- sive, wrench size 48 mm	–	–	–20 °C ... +65 °C	–	PL51A	1001628
Rectangular, with M6x14 threaded bolt and lock- ing device	50 mm 80 mm	–	–20 °C ... +65 °C	–	PL72-2	5322723
Reflective tape	–	–	–	–	Reflective tape	4029444
Reflective tape "Diamond Grade", self- adhesive, bag	10 mm 10 mm	–	–34 °C ... +70 °C	100 pieces per pack (REF-DG)	100 x REF-DG	2015348

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Reflective tape "Diamond Grade", self- adhesive, sheet	749 mm 914 mm	–	–34 °C ... +70 °C	–	REF-DG	5320565
Reflective tape REF-AX-001	–	–	–	–	REF-AX-001	1046640
Reflective tape on alumin- ium profile, 16.5 mm x 124.3 mm, 2- hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG060	1048996
Reflective tape on alumin- ium profile, 16.5 mm x 274.3 mm, 2 hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG210	1029197
Reflective tape on alumin- ium profile, 16.5 mm x 344.3 mm, 2 hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG270	1029198
Reflective tape on alumin- ium profile, 16.5 mm x 424.3 mm, 2 hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG360	1029199
Reflective tape on alumin- ium profile, 16.5 mm x 494.3 mm, 2 hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG420	1029200
Reflective tape on aluminium profile, 2 hole mounting	–	–	–25 °C ... +65 °C	–	REF-PLG120	1029196
Reflective tape, 1,000 mm x 37 mm x	37 mm 0.8 mm 1,000 mm	–	–	2 pieces	Reflective tape 2 x 1.0 m	2046005

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0.8 mm, pro- tective field size max. 1.0 m x 1.0 m, self-adhesive, abrasion-resis- tant, 2 pieces						
Reflective tape, 1,200 mm x 37 mm x 0.8 mm, pro- tective field size max. 1.2 m x 1.2 m, self-adhesive, abrasion-resis- tant, 2 pieces	37 mm 0.8 mm 1,200 mm	–	–	2 pieces	Reflector tape 2 x 1.2 m	2051581
Reflective tape, 1,500 mm x 48 mm x 0.8 mm, pro- tective field size max. 1.5 m x 1.5 m, self-adhesive, abrasion-resis- tant, 2 pieces	48 mm 0.8 mm 1,500 mm	–	–	2 pieces	Reflector tape 2 x 1.5 m	2051582
Reflective tape, 1,500 mm x 48 mm x 0.8 mm, pro- tective field size max. 2.0 m x 2.0 m, self-adhesive, abrasion-resis- tant, 3 pieces	48 mm 0.8 mm 1,500 mm	–	–	3 pieces	Reflector tape 3 x 1.5 m	2061272
Reflective tape, height: 50 mm, length made to order	–	–	–	–	RT7610 2-F	7023338
Reflective tape, height: 76 mm, length made to order	–	–	–	–	RT3290 3-F	7023340
Reflective tape, rolled, 50 mm x 80 mm	–	–	–	–	RT7610 2-15R	7023339

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
Reflective tape, rolled, 76 mm x 380 mm	–	–	–	–	RT3290 3-15R	7023341
Reflective tape, sheets, 100 mm x 100 mm (10 pcs.)	–	–	–	–	RT5870	On request
Reflective tape, sheets, 305 mm x 305 mm (5 pcs.)	–	–	–	–	RT5870	7029692
Reflector plate, 11 x 11 PL80A, 928 mm x 928 mm, material: base plate aluminum, screw connection	11 mm	–	–25 °C ... +65 °C	–	PL880FS01	1017865
Reflector plate, “Diamond Grade” reflective tape, baseplate: 330 mm x 330 mm, heated, external fuse protection: 6 A (provided by customer)	280 mm 280 mm	2 m silicone cable, 3 x 0.75 mm ² , flexible cable, open end with ferules, minimum bend radius: 51 mm at room temperature	–40 °C ... +55 °C	–	PL240DG-H	1022926
Reflector plate, “Diamond Grade” reflective tape, baseplate: 665 mm x 665 mm, heated, external fuse protection: 6 A (provided by customer)	605 mm 605 mm	2 m silicone cable, 3 x 0.75 mm ² , flexible cable, open end with ferules, minimum bend radius: 51 mm at room temperature	–40 °C ... +55 °C	–	PL560DG-H	1023888
Reflector plate, “diamond grade” reflective tape, 1,000 mm x 1,000 mm,	–	–	–25 °C ... +65 °C	–	PL880DG	1018975

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- 6) Customizable length by roll. Width 5 cm, length max. 22.8 m.
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- 8) Customizable length by roll. Width 91.4 cm, length max. 4.57 m.
- 9) Customized.
- 10) Customizable length by roll. Width 91.4 cm, length max. 45.7 m.

Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
base plate material: alu- minum, screw connection						
Reflector plate, “diamond grade” reflec- tive tape, 1,200 mm x 1,200 mm, base plate material: alu- minum, screw connection	–	–	–	–	PL1200DG	1051679
Reflector plate, “dia- mond grade” reflective tape, 330 mm x 330 mm, base plate material: alu- minum, screw connection	–	–	–34 °C ... +70 °C	–	PL240DG	1017910
Reflector plate, “dia- mond grade” reflective tape, 665 mm x 665 mm, base plate material: alu- minum, screw connection	–	–	–25 °C ... +65 °C	–	PL560DG	1016806
Reflector with micropris- matic reflex tape REF- AC1000, suit- able for laser sensors, see alignment note	29 mm 45 mm	–	–30 °C ... +60 °C	–	P41F	5315128
Reflector with mount- ing bracket	–	–	–	–	P975-P01	7029479
					P975-P02	7125159
Reflector, 1000 mm x 1000 mm x 12.5 mm	11 mm	–	–25 °C ... +65 °C	–	PL880F	1013786

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
(11x11 PL80A = 926 mm x 926 mm), alu- minum plate (AIMG3) with adhesive foil (filter foil OBF- PL880F/4031159 at center), with polariza- tion effect						
Reflector, 20 mm x 40 mm	–	–	≥ –30 °C	–	PL 23FB	1041746
					PL 23FT	1041745
Reflector, 280 mm x 280 mm, 7610 foil, alu- minum plate (AIMG3) with adhesive foil, no polariza- tion effect	–	–	–25 °C ... +65 °C	–	PL240-7610	1019012
Reflector, 665 mm x 665 mm x 12.5 mm (7x7 PL80A = 589 mm x 589 mm), alu- minum plate (AIMG3) with reflectors, with polariza- tion effect	7 mm	–	–25 °C ... +65 °C	–	PL560F	1013785
Reflector, rec- tangular, flat,, IP 67, reflec- tive area 17 x 71 mm, ideal in combination with sensors for clear mate- rial detection	20.2 mm 76 mm	–	–30 °C ... +50 °C	–	PL76F	5329742
Reflector, rec- tangular, flat, mounting hole 3,2 mm, IP 67, reflective area	24 mm 12 mm	–	–30 °C ... +50 °C	–	PL7F	5329723

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
9 x 9 mm, ideal in combination with sensors for clear material detection						
Reflector, rectangular, flat, mounting hole M 1,5, IP 67, reflective area 15,8 x 5,8 mm, ideal in combination with sensors for clear material detection	23 mm 14 mm	–	–30 °C ... +50 °C	–	PL9F	5333965
Reflector, rectangular, flat, mounting hole Ø 3.5, IP 67, reflective area 15,8 x 5,8 mm, ideal in combination with sensors for clear material detection	8 mm 48 mm	–	–30 °C ... +50 °C	–	PL16F	5332741
Reflector, rectangular, screw connection	40 mm 180 mm	–	–20 °C ... +65 °C	–	PL180E01	1013289
	42 mm	–	–20 °C ... +65 °C	–	PL182	5327847
Reflector, round, M4x8 threaded bolt	–	–	–20 °C ... +65 °C	–	P25	5315172
Resolution set for 20 mm resolution and protective field size from 0.4 x 0.4 m to 1.0 m x 1.0 m	–	–	–	–	Resolution set 20 mm	2051336
Resolution set for 24 mm resolution and protective field size from 0.4 x 0.4 m to 1.2 m x 1.2 m	–	–	–	–	Resolution set 24 mm	2051338

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Description	Dimensions	Con- nection types	Ambient operating temperature	Items supplied	Type	Part no.
Resolution set for 30 mm resolution and protective field size from 0.6 x 0.6 m to 1.5 m x 1.5 m	–	–	–	–	Resolution set 30 mm	2051339
Rinse air adapter for dust protection tubes, for FLV-PL50, PL53A, SW50, OP60(-20), OP61	–	–	–	–	SLV-PL50	1000309
Roll, self-adhesive	100 mm 22.8 m	–	–20 °C ... +60 °C	–	REF-PLUS-R100	5319915
	7.6 cm 22.8 m ³⁾	–	–20 °C ... +60 °C	–	REF-PLUS-R76	5322215
Round lens reflector, 127 mm x 139 mm, aluminum and plastic, Fresnell lens (suitable mounting bracket BEF-PL140L/5308917)	–	–	≤ +65 °C	–	PL140L	5308918
Round reflector, 33.6 mm diameter	–	–	–	–	PL1.25	7029889
Round reflector, 84 mm diameter	–	–	–	–	P975M	7123555
Round triple reflector, glass, 84 mm with polarization effect	–	–	–	–	OP55	5309131
Round triple reflector, glass, 84 mm, heatable with polarization effect, heat-controlled, 24V, 7.5W (12V, 2W)	–	–	–20 °C ... +40 °C	–	OP55H	5309132

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
Round, M5x9 threaded bolt	–	–	–20 °C ... +65 °C	–	P50-1	5322673
				Hex nut, washer	C42-2	5324281
				Hex nut, wash- er, spring ring	C42-P01	5347790
Round, planar	–	–	–20 °C ... +65 °C	–	P34	5313922
Round, pluggable	–	–	–20 °C ... +65 °C	–	C42-1	5313506
Round, plu- gable for metal plates	–	–	–20 °C ... +65 °C	–	PL22-15	5344315
					PL22-15P01	5345852
					PL22-3	1004488
					PL22-4	5327829
Round, pluggable	–	–	–20 °C ... +65 °C	–	P25-2	5318969
					PL22-1	1003546
					PL34-1	5322257
Round, pluggable, 100 pieces per package	–	–	–20 °C ... +65 °C	–	P19-1	5324254
Round, pluggable, 400 pieces per package	–	–	–20 °C ... +65 °C	400 pieces	P25-2-A	5324298
Round, screw connection	–	–	–20 °C ... +65 °C	–	C64A	5325185
			–30 °C ... +65 °C ¹⁾	–	C110A	5304549
Round, screw connection, width across flats 48 mm	–	–	–20 °C ... +65 °C	–	P55	5318680
Round, self- adhesive	–	–	–20 °C ... +65 °C	–	PL22-2	1003621
Self adhe- sive foil 252.4 mm x 252.4 mm	–	–	–	–	OBF-PL880F	4031159

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Description	Dimensions	Conne- tion types	Ambient operating temperature	Items supplied	Type	Part no.
Self-adhesive	50 mm 60 mm	–	–20 °C ... +60 °C	–	REF-IRF-56	5314244
Self-adhesive, customizable length by roll	10 cm 22.8 m ⁴⁾	–	–20 °C ... +60 °C	–	REF-PLUS-R100-K	4071461
	2.5 cm 22.8 m ⁵⁾	–	–20 °C ... +60 °C	–	REF-PLUS-R25-K	4051184
	5 cm 22.8 m ⁶⁾	–	–20 °C ... +60 °C	–	REF-PLUS-R50-K	4051185
	7.6 cm 22.8 m ³⁾	–	–20 °C ... +60 °C	–	REF-PLUS-R76-K	4071462
Self-adhesive, not suitable for photoelec- tric retro-reflec- tive sensors with polari- sation filter, customizable length by roll	610 mm 4,570 mm	–	–25 °C ... +65 °C	–	REF-7610-0K4	5600079
Self-adhesive, not suitable for photoelectric retro-reflective sensors with polarisation filter, customiz- able size by roll	30 mm 220 mm	–	–25 °C ... +65 °C	–	REF-7610-K	4018617
Self-adhesive, not suitable for photoelectric retro-reflective sensors with polarisation filter, dimen- sions customis- able by roll	91.4 cm 4.57 m ⁷⁾	–	–20 °C ... +65 °C	–	REF-3290-K	4018696
Self-adhesive, not suitable for photoelectric retro-reflective sensors with polarisation filter, length customis- able by roll	91.4 cm 4.57 m ⁸⁾	–	–20 °C ... +65 °C	–	REF-3290	5301885

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
Self-adhe- sive, roll	25 mm 22.8 m	–	–20 °C ... +60 °C	–	REF-PLUS-R25	5319929
	50 mm 22.8 m	–	–20 °C ... +60 °C	–	REF-PLUS-R50	5319981
Sheet, self- adhesive, not suitable for laser sensors	225 mm 225 mm	–	–29 °C ... +60 °C	–	REF-APM	4025097
Single triple glass reflector for high-tem- perature appli- cations, screw connection	–	–	≤ +300 °C	–	OP61-00	1002627
Single triple glass reflector for the great- est scanning ranges, focus = 20 m, screw connection	–	–	–20 °C ... +65 °C	–	OP60-20	1000136
Single triple glass reflector for the great- est scanning ranges, focus = infinite, screw connection	–	–	–20 °C ... +65 °C	–	OP60-00	1000141
Stainless steel reflector, chem- ically resistant, Enclosure rat- ing IP 69K	–	–	–20 °C ... +65 °C	–	PLV30-1	5342803
Stainless steel reflector, hy- gienic design, chemically resistant, En- closure rat- ing IP 69K, M12-adapter thread, PMMA front screens	25 mm	–	–20 °C ... +60 °C	–	PLH25-M12	2063403
Stainless steel reflector, hy- gienic design, chemically	25 mm	–	–20 °C ... +60 °C	–	PLH25-D12	2063404

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Description	Dimensions	Conne- ction types	Ambient operating temperature	Items supplied	Type	Part no.
resistant, en- closure rat- ing IP69K, D12 adapter shaft, PMMA front screens						
Stainless steel reflector, wash- down design, chemically re- sistant, IP 69K enclosure rat- ing, screw con- nection, PMMA front screens	14 mm	–	–20 °C ... +60 °C	–	PLV14-A	2063405
Suitable for laser sensors, self-adhesive, cut, 20 pieces per pack, see alignment note	73 mm 73 mm	–	–5 °C ... +60 °C	20 pieces	REF-AC1000-73P01	2061557
Suitable for laser sensors, self-adhesive, cut, 25 pieces per pack, see alignment note	30 mm 20 mm	–	–20 °C ... +60 °C	25 pieces	REF-AC1000-2030P01	2061920
Suitable for laser sensors, self-adhesive, cut, see align- ment note	14 mm 14 mm	–	–20 °C ... +60 °C	–	REF-AC100014	4106797
	28 mm 28 mm	–	–20 °C ... +60 °C	–	REF-AC1000-28	4067881
	45 mm 225 mm	–	–20 °C ... +60 °C	–	REF-AC100045	4106798
	50 mm 80 mm	–	–20 °C ... +60 °C	–	REF-AC10005080	4113163
	56.3 mm 56.3 mm	–	–20 °C ... +60 °C	–	REF-AC1000-56	4063030
	Max. 22.5 cm x 22.5 cm ⁹⁾	–	–20 °C ... +60 °C	–	REF-AC1000K	4121990
Suitable for laser sensors, self-adhesive, sheet, see alignment note	225 mm 225 mm	–	–20 °C ... +60 °C	–	REF-AC1000	5319429

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Description	Dimensions	Con- nection types	Ambient operating temperature	Items supplied	Type	Part no.
Suitable for sensors for detecting transparent objects, self-adhesive, complete roll, see alignment note	25 mm 22.8 m	–	–20 °C ... +50 °C	–	REF-IRF2000R25	5337291
Thick chalk, red fluorescent, 12 units	–	–	–	–	LUM-FT	1004460
With alignment mark, self-adhesive, customizable size by roll	91.4 cm 45.7 cm ¹⁰⁾	–	–20 °C ... +65 °C	–	REF-3930-K2	2057035
Writing chalk, red fluorescence	–	–	–	–	LUM-KLK	1002959

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