







Additional information

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Product description

The W12G photoelectric sensors provide reliable detection of transparent objects. Everything from PET bottles to thin, transparent films is detected. The W12G features a rugged metal housing with

high electromagnetic compatibility, high immunity to chemical and thermal conditions, and excellent resistance to high pressure cleaning.

At a glance

- Rugged die-cast zinc housing with optional Teflon® coating
- Reliable detection of transparent objects
- Precise autocollimation optics
- Robust sensors for industrial use
- Precise PinPoint LED

- Dovetail mounting mounting holes and oblong holes
- Highly visible status LEDs
- Flexible sensor settings, monitoring, advanced diagnostics, and visualization thanks to IO-Link

Your benefits

- Reliable detection of transparent objects from PET bottles to transparent film – due to superior ASIC (application-specific integrated circuit) technology
- High immunity to ambient conditions reduces false readings
- Red PinPoint LED provides quick and easy alignment of sensor
- Precise switching characteristics, fast response times and high performance ensure superior reliability and productivity in nearly every application type
- Withstands mechanical, thermal, chemical and electromagnetic factors, providing increased industrial reliability
- Flexible mounting and installation due to rotatable connector and versatile mounting options
- IO-Link provides easy data access from the PLC
- · Quick and easy configuration

→ www.mysick.com/en/W12G

For more information, just enter the link or scan the QR code and get direct access to technical data, CAD design models, operating instructions, software, application examples and much more.



Detailed technical data

Features

Sensor principle	Photoelectric retro-reflective sensor				
Detection principle	Autocollimation				
Dimensions (W x H x D)	15.6 mm x 48.5 mm x 42 mm				
Housing design (light emission)	Rectangular				
Sensing range max. 1)	0 m 4 m				
Type of light	Visible red light/Infrared light (depending on type)				
Light source	LED ²⁾ /PinPoint LED ²⁾ (depending on type)				
Angle of dispersion	Approx. 1.5°				
Wave length					
Visible red light	640 nm/660 nm (depending on type)				
Infrared light	850 nm				
Adjustment	Potentiometer, 11 turns/Single teach-in button $^{3/4)}$ (depending on type)				
Continuous threshold adaption	-/✔ (depending on type)				
Special feature	Detection of transparent objects				

¹⁾ PL80A.

Mechanics/electronics

Supply voltage *3 Ripple *3) Power consumption \$ \(\frac{5}{2} \) \(\text{V}_{pp} \) Power consumption \$ \(\frac{4}{2} \) \(\text{V}_{pp} \) Output type PNP/NP/PNP, NPN (depending on type) Output function Switching mode Switching mode Switching mode selector Selectable via L/D control wire Signal voltage PNP HIGH/LOW Signal voltage PNP HIGH/LOW Approx. U \(\text{V} \rightarrow 3 \text{V} \rightarrow 2.5 \text{V} \text{ (depending on type)} \) Output current \(\text{I}_{max} \) Response time \$ \(\frac{3}{3} \text{O} \) \(\text{J} \) Switching frequency *5 Connection type Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter V IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Prox. U \(\frac{7}{2} \) P 69K Operating mode Plausibility output, stable detection Approx. V \(\frac{7}{2} \) Operating mot type)		
Power consumption \$ 40 mA 30 Output type PNP/NPN/PNP, NPN (depending on type) Output function Complementary Switching mode Light switching/Dark-switching/Light/dark-switching (depending on type) Switching mode selector Selectable via L/D control wire Signal voltage PNP HIGH/LOW > Uv - 3 V/ca. 0 V/approx. V _s - 2.5 V/0 V (depending on type) Signal voltage PNP HIGH/LOW Approx. Uv/< 3 V/approx. V _s /< 2.5 V (depending on type) Output current I max. 100 mA Response time \$ 330 µs 40 Switching frequency 50 Connection type Male connector, M12 Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter V IO-Link V Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Supply voltage 1)	10 V DC 30 V DC
Output type Output function Complementary Switching mode Light switching/Dark-switching/Light/dark-switching (depending on type) Switching mode selector Selectable via L/D control wire Signal voltage PNP HIGH/LOW Signal voltage PNP HIGH/LOW Approx. Uv/< 3 V/approx. V _s /< 2.5 V (depending on type) Output current I _{max.} 100 mA Response time \$ 330 µs 41 Switching frequency 51 Connection type Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Weight Protection class II Weight Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Departing mode PMOde I, 10 % attenuation, Mode II, 18 % attenuation	Ripple ²⁾	≤ 5 V _{pp}
Output function Complementary Switching mode Light switching/Dark-switching/Light/dark-switching (depending on type) Switching mode selector Selectable via L/D control wire Signal voltage PNP HIGH/LOW > Uv − 3 V/ca. 0 V/approx. V _s − 2.5 V/0 V (depending on type) Signal voltage NPN HIGH/LOW Approx. Uv/< 3 V/approx. V _s /< 2.5 V (depending on type) Output current I _{max.} 100 mA Response time ≤ 330 µs ⁴¹ Switching frequency ⁵¹ 1,500 Hz Connection type Male connector, M12 Circuit protection A ⑤, B ⑤, C ⁷, D ⑥) Without automatic threshold adaption (AutoAdapt) A ⑥, C ⁷, D ⑥) Protection class II Weight 120 g Polarisation filter ✓ IO-Link ✓ Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Power consumption	≤ 40 mA ³⁾
Switching mode Light switching/Dark-switching/Light/dark-switching (depending on type) Switching mode selector Selectable via L/D control wire Signal voltage PNP HIGH/LOW > Uv - 3 V/ca. 0 V/approx. V _s - 2.5 V/0 V (depending on type) Signal voltage NPN HIGH/LOW Approx. Uv/< 3 V/approx. V _s /< 2.5 V (depending on type) Output current I _{max.} 100 mA Response time \$ 330 µs 41 Switching frequency 51 Connection type Male connector, M12 Circuit protection With automatic threshold adaption (AutoAdapti) Without automatic threshold adaption (AutoAdapti) Protection class II Weight 120 g Polarisation filter V Housing material Ditic material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Light switching/Dark-switching/Light/dark-switching (depending on type)	Output type	PNP/NPN/PNP, NPN (depending on type)
Switching mode selector Signal voltage PNP HIGH/LOW Signal voltage NPN HIGH/LOW Signal voltage NPN HIGH/LOW Approx. Uv/ 3 V/approx. V _s / 2.5 V (depending on type) Output current I _{max.} 100 mA Response time \$330 µs 41 Switching frequency 50 Connection type Male connector, M12 Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Without altomatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter V Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Output function	Complementary
Signal voltage PNP HIGH/LOW Signal voltage NPN HIGH/LOW Approx. Uy/< 3 V/approx. V _s /< 2.5 V (depending on type) Output current I _{max} 100 mA Response time Switching frequency ⁵⁾ Connection type Male connector, M12 Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Protection, Mode II, 18 % attenuation Mode I, 10 % attenuation, Mode II, 18 % attenuation	Switching mode	Light switching/Dark-switching/Light/dark-switching (depending on type)
Signal voltage NPN HIGH/LOW Approx. Uv/< 3 V/approx. V _s /< 2.5 V (depending on type)	Switching mode selector	Selectable via L/D control wire
Output current I _{max.} 100 mA Response time ≤ 330 μs ⁴0 Switching frequency ⁵0 1,500 Hz Connection type Male connector, M12 Circuit protection Mith automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) A ⁵0, B ⁵0, C ⁻7, D ⁵0 Protection class II Weight 120 g Polarisation filter ✓ IO-Link ✓ Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Signal voltage PNP HIGH/LOW	$>$ Uv - 3 V/ca. 0 V/approx. V_S - 2.5 V/0 V (depending on type)
Response time ≤ 330 µs ⁴) Switching frequency ⁵) 1,500 Hz Connection type Male connector, M12 Circuit protection Male connector, M12 With automatic threshold adaption (AutoAdapt) A ⁶, B ⁶, C ⁷, D శ₀ Protection class II Weight 120 g Polarisation filter ✓ IO-Link ✓ Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Signal voltage NPN HIGH/LOW	Approx. Uv/< 3 V/approx. V_S /< 2.5 V (depending on type)
Switching frequency 5) Connection type Male connector, M12 Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Mede II, 10 % attenuation, Mode II, 18 % attenuation	Output current I _{max.}	100 mA
Connection type Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Weight Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Male connector, M12 A ®, C 7, D ®) A ®, C 7, D ®) L ® A ®, C 7, D ®) A ®, C 7, D ®) L ® A ®, C 7, D ®) A ®, C 7, D ®) L © W W Mode I, 120 g	Response time	≤ 330 µs ⁴)
Circuit protection With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Switching frequency 5)	1,500 Hz
With automatic threshold adaption (AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Connection type	Male connector, M12
(AutoAdapt) Without automatic threshold adaption (AutoAdapt) Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Circuit protection	
Protection class II Weight 120 g Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	•	A ⁶⁾ , B ⁹⁾ , C ⁷⁾ , D ⁸⁾
Weight 120 g Polarisation filter ✓ IO-Link Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	•	A ⁶⁾ , C ⁷⁾ , D ⁸⁾
Polarisation filter IO-Link Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Protection class	II
Housing material Zinc diecast Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Weight	120 g
Housing material Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Polarisation filter	V
Optics material PMMA, PMMA, PTFE-coated (depending on type) Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	IO-Link	V
Enclosure rating IP 66, IP 67, IP 69K Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Housing material	Zinc diecast
Operating mode Mode I, 10 % attenuation, Mode II, 18 % attenuation	Optics material	PMMA, PMMA, PTFE-coated (depending on type)
	Enclosure rating	IP 66, IP 67, IP 69K
Plausibility output, stable detection Approx. 0 V/approx. V _s (depending on type)	Operating mode	Mode I, 10 $\%$ attenuation, Mode II, 18 $\%$ attenuation
	Plausibility output, stable detection	Approx. 0 V/approx. V_S (depending on type)

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 $^{^{2)}}$ Average service life of 100,000 h at $\rm T_A$ = +25 $^{\circ}\rm C.$

 $^{^{\}scriptscriptstyle 3)}$ Mode I, 10 % attenuation.

⁴⁾ Mode II, 18 % attenuation.

Plausibility output, unstable detection	$V_S - 2.5 \text{ V/approx. } 1.5 \text{ V} \text{ (depending on type)}$
Ambient operating temperature	-40 °C +60 °C (depending on type)
Ambient storage temperature	-40 °C +75 °C

 $^{^{\}mbox{\tiny 1)}}$ Limit values, operation in short-circuit protected network max. 8 A.

Ordering information

Other models available at www.mysick.com/en/W12G

WL12G, metal

• Housing material: metal

Type of light	Sensing range max. ¹⁾	Light spot size (dis- tance)	Con- tinuous threshold adaption	Output type	Switching mode	Adjustment	Connection	Con- nection diagram	Model name	Part no.	
				PNP	Light switching Dark-switching	Potentiome- ter, 11 turns	Connector M12, 4-pin	Cd-087	WL12G-302431	1041457	
Visible	0 m	Ø 25 mm	Ø 25 mm	nm	PNP, NPN	Light switching Dark-switching	Potentiome- ter, 11 turns	Connector M12, 5-pin	Cd-144	WL12G-3B2531	1041456
red light	light 4 m (1.5 m)	(1.5 m)	V	PNP	Light switching Dark-switching	Single teach- in button ^{2) 3)}	Connector M12, 5-pin	Cd-146	WL12G-3P2572	1053535	
			NPN	Light switching Dark-switching	Single teach- in button ^{2) 3)}	Connector M12, 5-pin	Cd-146	WL12G-3N2572	1053530		
Infrared light	0 m 4 m	Ø 100 mm (3 m)	V	PNP	Light switching Dark-switching	Single teach- in button ^{2) 3)}	Connector M12, 5-pin	Cd-233	WL12G-3P2582	1053536	

¹⁾ PL80A.

 $^{^{\}rm 2)}$ May not exceed or fall short of $\rm V_{\rm S}$ tolerances.

³⁾ Without load.

⁴⁾ Signal transit time with resistive load.

⁵⁾ With light/dark ratio 1:1.

 $^{^{\}rm 6)}$ A = $\rm V_{\rm S}$ connections reverse-polarity protected.

 $^{^{7)}}$ C = interference suppression.

 $^{^{8)}}$ D = outputs overcurrent and short-circuit protected.

⁹⁾ B = inputs and output reverse-polarity protected.

²⁾ Mode I, 10 % attenuation.

³⁾ Mode II, 18 % attenuation.

• Housing material: PTFE

• Type of light: visible red light

Sensing range max. ¹⁾	Light spot size (dis- tance)	Con- tinuous threshold adaption		Switching mode	Adjust- ment ^{2) 3)}	Connection	Con- nection diagram	Model name	Part no.
0 m 4 m	Ø 25 mm (1.5 m)	~	PNP	Light/dark- switching	Single teach- in button	Connector M12, 5-pin	Cd-146	WL12G-3P2572T01	1053546

¹⁾ PL80A.

WL12G, metal alarm output

• Housing material: metal

• Type of light: visible red light

Sensing range max. ¹⁾	Light spot size (dis- tance)	Con- tinuous threshold adaption	Output type	Switching mode	Adjustment	Connection	Con- nection diagram	Model name	Part no.
() m 4 m	Ø 25 mm		PNP	Light/dark- switching	Single teach- in button ^{2) 3)}	Connector M12, 5-pin	Cd-147	WL12G-3V2572	1053537
	(1.5 m)	•	NPN	Light/dark- switching	Single teach- in button ^{2) 3)}	Connector M12, 5-pin	Cd-147	WL12G-3W2572	1053537 1053538

¹⁾ PL80A.

 $^{^{\}scriptscriptstyle 3)}$ Mode II, 18 % attenuation.



WL12G, metal IO-Link

- Housing material: metal
- Type of light: visible red light
- Output type: PNP
- Switching mode: light/dark-switching
- \bullet Adjustment: single teach-in button (Mode I, 10 % attenuation.) (Mode II, 18 % attenuation.)
- Continuous threshold adaption: ✓

Sensing range max. 1)	Light spot size (distance)	IO-Link	Advanced functions	Connection	Connection diagram	Model name	Part no.
0 m 4 m Ø 25 mm (1.5 m)	Standard functions	-			WL12GC-3P2472	1054087	
	Ø 25 mm	Standard functions, advanced functions	Timer, False Tripping Suppression (Debouncing)	Connector	Cd-098	WL12GC-3P2472A70	1067778
	(1.5 m)		High-Speed Counter, False Tripping Suppression (Debouncing)	M12, 4-pin		WL12GC-3P2472A71	1067779
			Time Stamp, False Tripping Suppression (Debouncing)			WL12GC-3P2472A91	1061063

¹⁾ PL80A.

 $^{^{2)}\,\}text{Mode I},\,10~\%$ attenuation.

 $^{^{\}scriptscriptstyle 3)}$ Mode II, 18 % attenuation.

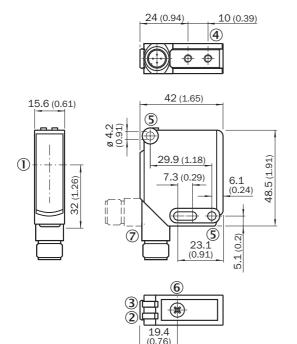
 $^{^{2)}\,\}text{Mode I, }10~\%$ attenuation.

²⁾ Mode I, 10 % attenuation.

³⁾ Mode II, 18 % attenuation.

Dimensional drawings

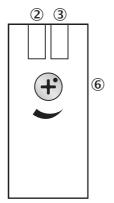
Dimensions in mm (inch)



- ① Optical axis
- ② LED indicator yellow: Light received
- ③ Green LED indicator: supply voltage active
- ④ M4 threaded mounting hole, 4 mm deep
- ⑤ Mounting hole, Ø 4.2 mm
- 6 Sensitivity adjustment: poti
- 7 Connection

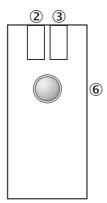
Adjustments

Potentiometer



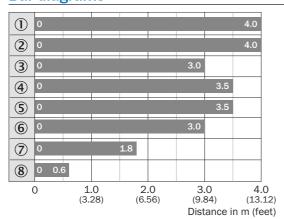
- ② LED indicator yellow: Light received
- $\ensuremath{\ensuremath{\mathfrak{3}}} \ensuremath{\ensuremath{\mathsf{Green LED}}} \ensuremath{\mathsf{indicator}} \ensuremath{\mathsf{:a}}$ supply voltage active
- 6 Sensitivity adjustment: poti

Singel teach-in button



- ② LED indicator yellow: Light received
- 3 LED indicator, green: power on, teach-in mode I,LED indicator, blue: teach-in mode II
- **6** Single teach-in button, Function 1: teach-in sensitivity on reflector, Function 2: change operation/ teach-in mode

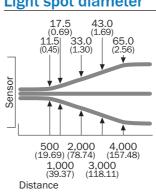
Bar diagrams



Sensing range max.

- ① PL80A
- ② C110A
- 3 P250F
- 4 PL50A
- ⑤ PL40A
- 6 PL30A ⑦ PL20A
- 8 REF-IRF-56

Light spot diameter



All dimensions in mm (inch)

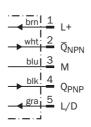
Connection diagram

Ca-087	
brn: 1	. (1.1)
	+ (L+)
wht I 2	

$$\begin{array}{c|c} & \text{wht} & 2 \\ & blu & 3 \\ \hline & & \\ & &$$

Cd-098

Cd-144



Cd-146

Cd-147

$$\begin{array}{c|c} & & & \\ \hline & \\ \hline & & \\ \hline &$$

Recommended accessories

Mounting brackets/plates

Mounting brackets

Figure	Material	Description	Model name	Part no.
10_	Stainless steel	Mounting bracket, large	BEF-WG-W12	2013942
3	Stainless steel	Mounting bracket, small	BEF-WK-W12	2012938

Plug connectors and cables

Connecting cable (female connector-open)

• Cable material: PVC

• Connector material: TPU

Figure	Connection type head A	Connection type head B	Connecting cable	Enclosure rating	Model name	Part no.
	Female connector,	Cable, open con-	2 m, 4-wire	IP 67	DOL-1204-G02M	6009382
	M12, 4-pin, straight	ductor heads	5 m, 4-wire	IP 67	DOL-1204-G05M	6009866
	Female connector,	Cable, open con-	2 m, 4-wire	IP 67	DOL-1204-W02M	6009383
	M12, 4-pin, angled	ductor heads	5 m, 4-wire	IP 67	DOL-1204-W05M	6009867
	Female connector, M12, 5-pin, straight	Cable, open con- ductor heads	5 m, 5-wire	IP 67	DOL-1205-G05M	6009868
	Female connector,	Cable, open con- ductor heads	2 m, 5-wire	IP 67	DOL-1205-W02M	6008900
	M12, 5-pin, angled		5 m, 5-wire	IP 67	DOL-1205-W05M	6009869

Female connector (ready to assemble)

Figure	Connection type head A	Connection type head B	Connector material	Enclosure rating	Model name	Part no.
	Female connector, M12, 4-pin, straight	Screw-type termi- nals	PBT	IP 67	DOS-1204-G	6007302
	Female connector, M12, 4-pin, angled	Screw-type termi- nals	PBT	IP 67	DOS-1204-W	6007303
	Female connector, M12, 5-pin, straight	Screw-type termi- nals	PBT	IP 67	DOS-1205-G	6009719
	Female connector, M12, 5-pin, angled	Screw-type termi- nals	PBT	IP 67	DOS-1205-W	6009720

Universal bar clamp systems

Figure	Material	Description	Model name	Part no.
	Zinc plated steel (sheet), Diecast zinc (clamp)	Plate NO2 for universal clamp bracket	BEF-KHS-N02	2051608
9		Plate N03 for universal clamp bracket	BEF-KHS-N03	2051609
		Plate NO4 for universal clamp bracket	BEF-KHS-N04	2051610

Device protection (mechanical)

Protective housing/tubes

Figure	Material	Description	Model name	Part no.
	Zinc plated steel (protective hous- ing), Diecast zinc (clamp)	Protective housing for universal clamp	BEF-SG-W12-3	2045175

Terminal and alignment brackets

Terminal brackets

Figure	Material	Description	Model name	Part no.
	Steel, zinc coated	Double clamp bracket for dovetail mounting	BEF-DKH-W12	2013947
		Clamping block for dovetail mounting	BEF-KH-W12	2013285

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Reflectors

Angular

Figure	Material	Description	Model name	Part no.
==	Plastic	Chemically resistant, screw connection, 47 mm x 47 mm	P250 CHEM	5321097
	PMMA/ABS	Rectangular, screw connection, 80 mm x 80 mm	PL80A	1003865

Fine triple reflectors

Figure	Material	Description	Model name	Part no.
	PMMA/ABS	Fine triple, screw connection, suitable for laser sensors, 47 mm x 47 mm	P250F	5308843
2		Fine triple, screw connection, suitable for laser sensors, 18 mm x 18 mm	PL10F	5311210
	Plastic	Fine triple, chemically resistant, screw connection, 18 mm x 18 mm	PL10F CHEM	5321636
	PMMA/ABS	Fine triple, screw connection, suitable for laser sensors, 38 mm x 16 mm	PL20F	5308844
	Plastic	Fine triple, chemically resistant, screw connection, suitable for laser sensors, 16 mm x 38 mm	PL20F-CHEM	5326089
2	PMMA/ABS	Fine triple, screw connection, suitable for laser sensors, 56 mm x 28 mm	PL30F	5326523
Ø		Fine triple, screw connection, suitable for laser sensors, 76 mm x 45 mm	PL81-1F	5325060

Reflective tape

Figure	Description	Model name	Part no.
	Suitable for laser sensors, self-adhesive, cut, see alignment note, 56.3 mm x 56.3 mm	REF-AC1000-56	4063030

Special reflectors

Figure	Material	Description	Model name	Part no.
	Stainless steel V4A (1.4404, 316L)	Stainless steel reflector, hygienic design, chemically resistant, Enclosure rating IP 69K, D12-adapter shaft, 25 mm x 25 mm	PLH25-D12	2063404
		Stainless steel reflector, hygienic design, chemically resistant, Enclosure rating IP 69K, M12-adapter thread, 25 mm x 25 mm	PLH25-M12	2063403
		Stainless steel reflector, wash-down design, chemically resistant, Enclosure rating IP 69K, screw connection, 14 mm x 14 mm	PLV14-A	2063405

→ For additional accessories, please see page L-861