

1) Emitter, 2) Receiver, 3) Optical axis



Electrical connection

Cable diameter D	1.80 mm
Cable length L	2 m
Connection	Cable with connector, M8x1-Male, 2.00 m, PUR

Environmental conditions

Ambient temperature	-10...55 °C
IP rating	IP65

General data

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Optical sensor head
Reference base unit	BAE SA-OH-029-...
Series	G05
Style	Cylinder Straight optics

Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	PMMA

Mechanical data

Dimension	Ø 5 x 13 mm
Mounting	Diameter 5.0 mm

Optical data

Beam characteristic	Divergent
LED group per IEC 62471	Exempt Group
Light type	LED, red light
Principle of optical operation	Through-beam sensor
Smallest part typ.	0.40 mm
Wave length	660 nm

Output/Interface

Switching output	for switching amplifier
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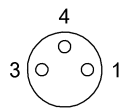
Range/Distance

Range	0...4 m
Rated operating distance Sn	4000 mm

Remarks

For additional information, refer to user's guide.

Connector Drawings



Opto Symbols

