

1) Reference edge



Electrical connection

Cable diameter D	1.80 mm
Cable length L	1 m
Connection	Cable with connector, M8x1-Male, 1.00 m, PUR
Contact, surface protection	Gold plated

Environmental conditions

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

General data

Additional features	Polarizing filter
Application	Transparent objects
Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Optical sensor head
Reference base unit	BAE SA-OH-029-...
Series	R014
Style	Square Connection 90°

Material

Housing material	Brass
Material jacket	PUR
Material sensing surface	PMMA
Surface protection	nickel plated

Mechanical data

Dimension	17 x 6 x 8 mm
Mounting	Screw M2

Optical data

Beam characteristic	Divergent
LED group per IEC 62471	Exempt Group
Light type	microSPOT-LED red light
Principle of optical operation	Retroreflective sensor
Wave length	660 nm

Output/Interface

Switching output	for switching amplifier
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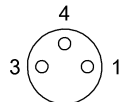
Range/Distance

Range	0...1 m
Rated operating distance Sn	1000 mm

Remarks

Reference object (target): gray card, 100 x 100, 90 % remission, axial approach.
For additional information, refer to user's guide.

Connector Drawings



Opto Symbols

