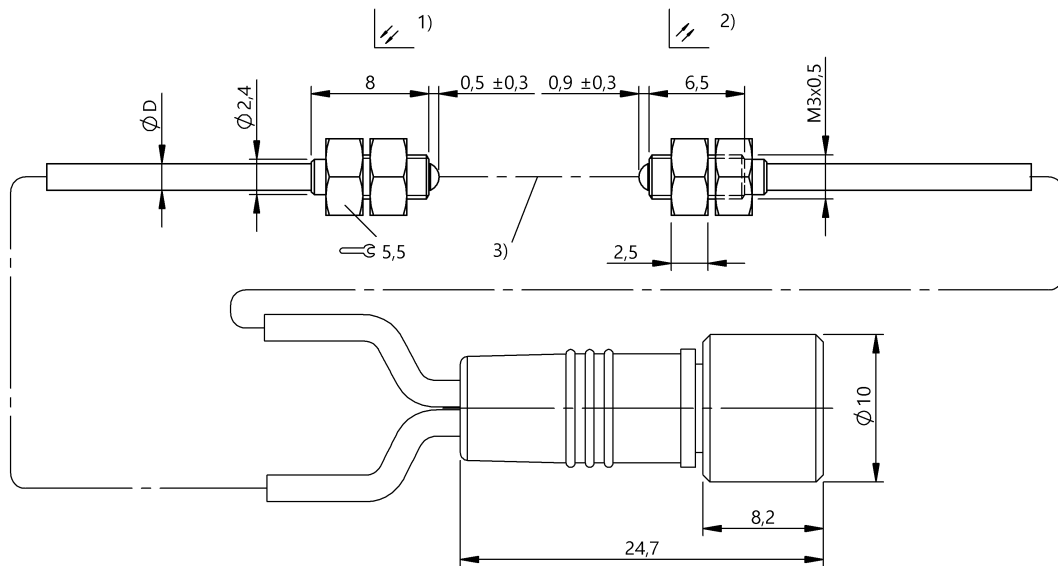


913624D0RV



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



Basic features

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Optical sensor head
Reference base unit	BAE SA-OH-029-...
Series	M03
Style	Cylinder Straight optics

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
Protection degree	IP65

Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	Epoxy

Mechanical data

Dimension	Ø 3 x 8 mm
Mounting	M3 nut

Optical features

Beam characteristic	Divergent
LED group per IEC 62471	Exempt Group
Light spot size	Ø 10 mm at 100 mm
Light type	Infrared
Principle of optical operation	Through-beam sensor
Smallest part typ.	2.0 mm
Wave length	880 nm

Output/Interface

Switching output	for switching amplifier
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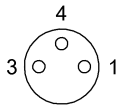
Range/Distance

Range	0...800 mm
Rated operating distance Sn	800 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

