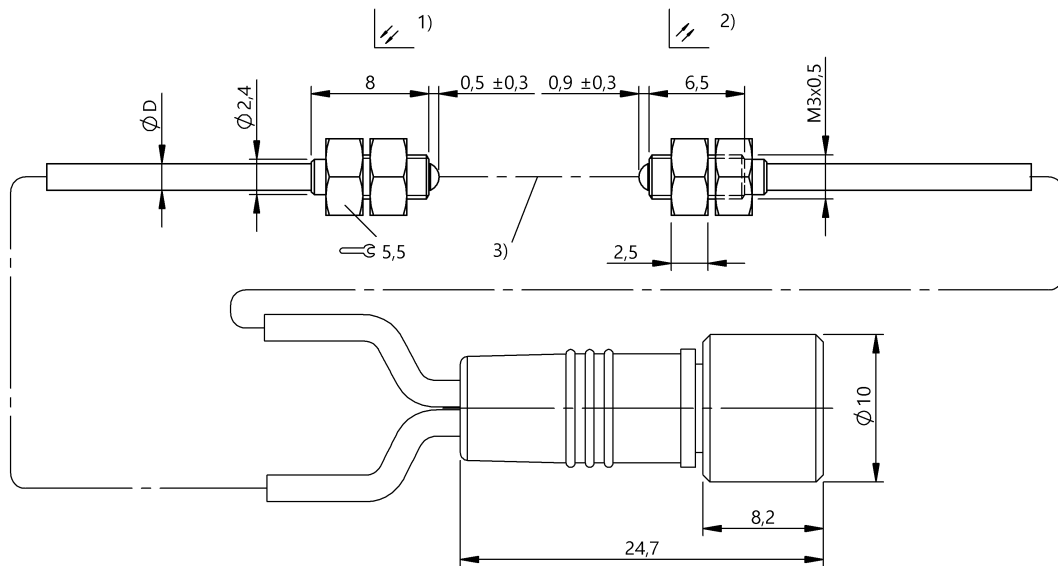


91395110000



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



### Basic features

Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Optical sensor head
Reference base unit	BAE SA-OH-059-...
Series	M03
Style	Cylinder Straight optics

### Electrical connection

Cable diameter D	1.80 mm
Cable length L	1 m
Connection	Cable with connector, M8x1- Female, 1 m, PUR

### Environmental conditions

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

### Interface

Switching output	for switching amplifier
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### Remarks

For additional information, refer to user's guide.

### Material

Housing material	Stainless steel
Material jacket	PUR
Material sensing surface	Epoxy

### Mechanical data

Dimension	Ø 3 x 8.7 mm
Mounting part	M3 nut

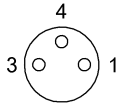
### Optical features

Beam characteristic	Divergent
LED group per IEC 62471	Exempt Group
Light spot size	Ø 35 mm
Light type	LED, red light
Principle of optical operation	Through-beam sensor
Smallest part typ.	0.2 mm
Wave length	665 nm

### Range/Distance

Range	0...300 mm
Rated operating distance Sn	300 mm

## Connector Drawings



## Opto Symbols

