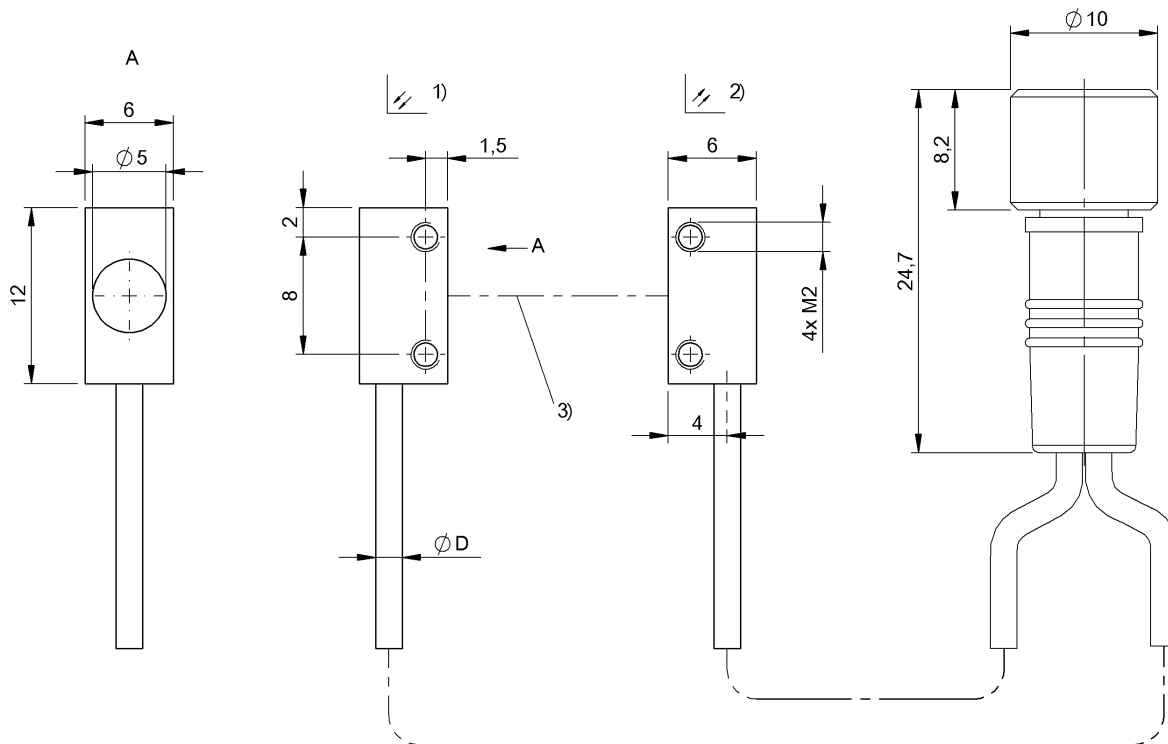


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1) Emitter 2) Receiver 3) Optical axis



## Electrical connection

Cable diameter D	1.80 mm
Cable length	2 m
Connection	M8x1-Connector
Connection type	Cable with connector, 2.00 m, PUR
Contact, surface protection	Gold plated

## Environmental conditions

Ambient temperature	-10...55 °C
Protection type IEC 60529	IP65

## General data

Approval/Conformity	CE
Basic standard	IEC 60947-5-2
Reference base unit	BAE SA-OH-029-...
Series	Q06
Style	Square Connection 90°

## Material

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

## Mechanical data

Dimension	12 x 6 x 6 mm
Fastening detail	Screw M2
Smallest part typ.	0.10 mm

## Optical data

Beam characteristic	Divergent
LED group per IEC 62471	Exempt Group
Light type	Infrared
Principle of optical operation	Through-beam sensor
Wave length	880 nm

## Output/Interface

Switching output	for switching amplifier
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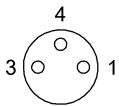
## Range/Distance

Measuring range	0...1 m
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 view



## Symbols for Optoelectronic Sensors

