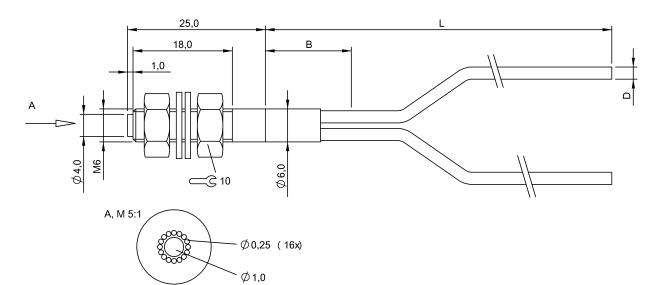
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Electrical connection		Surface protection	nickel plates
Cable diameter D	2.20 mm	Mechanical data	
Cable length Cable, note Connection type	2 m can be trimmed Cable, 2.00 m, PE	Cable, bending radius min. Dimension Fastening detail Fiber optic cable, structure	5 mm Ø 6 x 25 mm Nut M6 Fiber bundle in plastic jacket
Electrical data		Tensile load max. at 20 °C	Single fiber in plastic jacket 6 N (max. 3s)
Active surface, fibers	Ø 1.0 mm (1x) Ø 0.25 mm (16x)	Optical data	
Environmental conditions		Principle of optical operation	Retroreflective sensor
Ambient temperature Ambient temperature connection area	-40…60 °C Acc. to fiber optic sensor	Range/Distance	
Protection type IEC 60529 General data	IP65	Effective operating distance Sr Range Rated operating distance Sn	110 mm 110 mm 110 mm
Basic standard Reference base unit	IEC 60947-5-2 BFB 75K-001	Remarks	
/ersion Vlaterial	M6, coax. optics, flex. cable	The cutting tool is included in the scope of delivery order other accessories separately. Cut cable to length: use suitable cutting tool. Make a single cut, vertical to cable axis. The cut quality can affect the switching distance. Reference object (target): gray card, 200 x 200, 90 % remission, axial approach.	
Active surface, fiber arrangement	Ring around individual fiber		

Route fiber optic cable so that no excessive tensile, compression or torsional forces are permitted. Observe permissible bending radiuses. Installation may affect the switching distance.

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Fiber type material

Housing material

Material jacket

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PMMA

Brass

ΡE

For definitions of terms, see main catalog Subject to change without notice

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Symbols for Optoelectronic Sensors



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