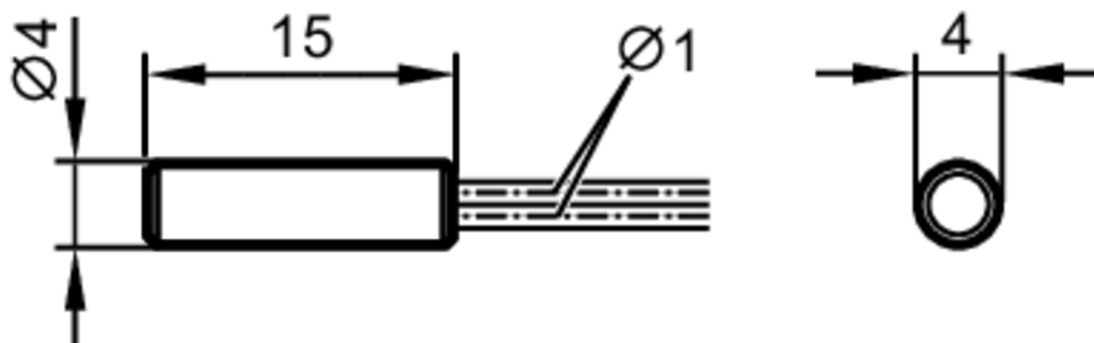


Fibre optic diffuse reflection sensor

FT-11-EPA-M4/F0,5x1/2m



Application

Function principle	Diffuse reflection sensor
Application	Bending-resistant design for applications in robotics; For use in industrial environments

Detection zone

Range with fibre-optic amplifier type	OBF; OO50; OCF
OBF	
Range of fibre optics [mm]	10
OO50	
Range of fibre optics [mm]	30
OCF (High Power)	
Range of fibre optics [mm]	180

Operating conditions

Ambient temperature [°C]	-40...70
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Mechanical data

Weight [g]	30.6
Version of sensing head	straight
Sensing head thread	M4
Sensing head length [mm]	23
Total length [mm]	2000
Min. bending radius [mm]	5

E21322



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Fibre arrangement	
Core diameter [mm]	4 x 0.25
Fibre material	PMMA
Fibre head material	stainless steel (303/1.4305)
Fibre sheath material	PE
Accessories	
Items supplied	hexagon nuts: 2 x M4
	tooth lock washers: 2
Accessories (optional)	Cutter for fibre optics:, E20600
Remarks	
Pack quantity	1 pcs.