

Fibre optic through-beam sensor

FE-11-EPA-M4/F613X0,06/2M



Application

Function principle	Through-beam sensor
Application	Small bending radius

Detection zone

Range with fibre-optic amplifier type	OB50; OBF; OCF; OO50
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OB50

Range of fibre optics [mm]	250
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OBF

Range of fibre optics [mm]	350
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OCF (High Power)

Range of fibre optics [mm]	2730
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OO50

Range of fibre optics [mm]	750
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Operating conditions

Ambient temperature [°C]	-40...60
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Mechanical data

Weight [g]	47.5
Version of sensing head	straight
Sensing head thread	M4

E21102



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Sensing head length	[mm]	15
Total length	[mm]	2000
Min. bending radius	[mm]	3
Fibre arrangement		
Core diameter	[mm]	1.2
Fibre diameter	[mm]	613 x 0.06
External diameter	[mm]	2.2
Fibre material		PMMA
Fibre head material		aluminium
Fibre sheath material		PE

Accessories

Items supplied	hexagon nuts: 4 x M4
	tooth lock washers: 4
Accessories (optional)	Cutter for fibre optics:, E20600

Remarks

Pack quantity	1 pcs.
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