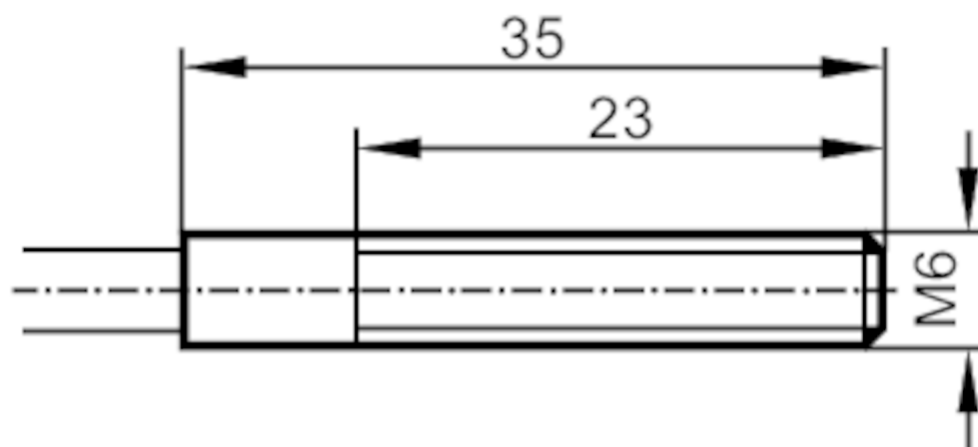




Fibre optic diffuse reflection sensor

FT-00-M-W-M6/3M



Application

Function principle	Diffuse reflection sensor
Application	High temperature resistance; Robust design for use in harsh industrial environments; Resistant to various aggressive chemicals

Detection zone

Range with fibre optic amplifier type	OCF; OKF
OCF (High Power)	
Range fibre optics [mm]	270
OKF	
Range fibre optics [mm]	22

Operating conditions

Ambient temperature [°C]	-40...150
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Mechanical data

Weight [g]	174.5
Version of sensing head	straight
Sensing head thread	M6
Sensing head length [mm]	35
Total length [mm]	3000
Min. bending radius [mm]	45
Fibre arrangement	⊗

E21154



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Core diameter	[mm]	1.6
Fibre diameter	[mm]	0.05
External diameter	[mm]	5.4
Fibre material		glass
Fibre head material		stainless steel (316Ti/1.4571)
Fibre sheath material		metal silicone
Remarks		
Pack quantity		1 pcs.