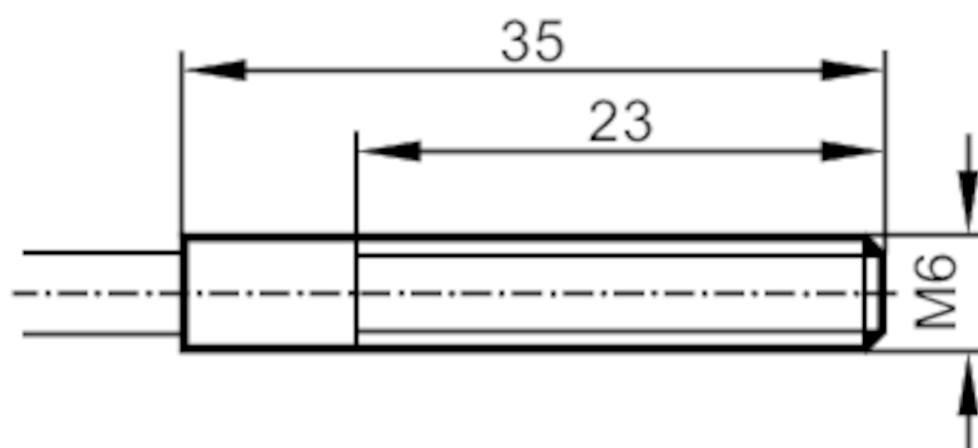




Fibre optic diffuse reflection sensor

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

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.