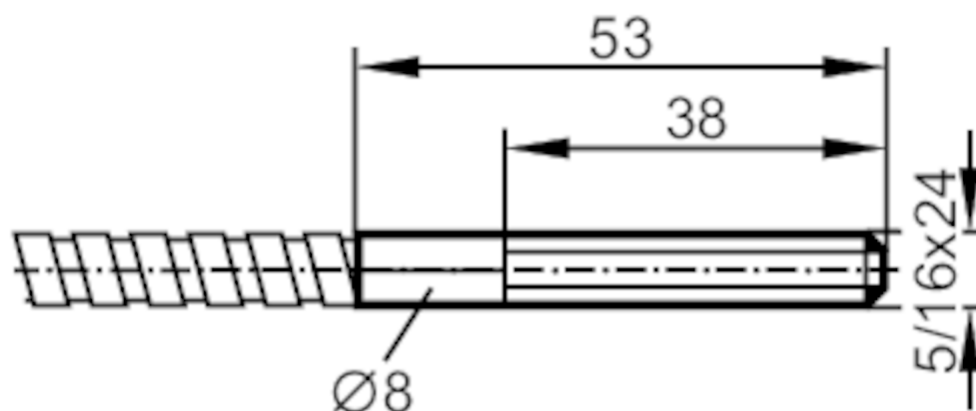




Fiber optic diffuse reflection sensor

FT-50-V-V-M5/16



Application

Function principle	Diffuse reflection sensor
--------------------	---------------------------

Monitoring range

Range with fiber optic amplifier type	OBF; ODF; OMF
---------------------------------------	---------------

OBF

Range fiber optics [mm]	150
-------------------------	-----

ODF

Range fiber optics [mm]	1
-------------------------	---

OMF

Range fiber optics [mm]	175
-------------------------	-----

Operating conditions

Ambient temperature [°C]	-58...315
--------------------------	-----------

Mechanical data

Weight [g]	126.5
Version of sensing head	straight
Sensing head thread	5/16 x 24
Sensing head diameter [mm]	8
Sensing head length [mm]	53
Total length [mm]	900

E20822



Fiber optic diffuse reflection sensor

FT-50-V-V-M5/16

Min. bending radius	[mm]	19
Fiber arrangement		
Fiber material		glass
Fiber head material		stainless steel (1.4305 / 303)
Fiber sheath material		stainless steel (1.4305 / 303)
Accessories		
Items supplied		Hexagon nuts: 2
		clamping rings: 2
		O-rings: 2
Remarks		
Pack quantity		1 pcs.