

**Overview**

- Diffuse type
- Sensing distance up to 60 mm
- Cylindrical smooth sensing head  $\varnothing 5$  mm, side view
- Plastic jacket 25 cm long
- Operating temperature up to +70 °C
- For rugged fiber optic sensors FVDM 15



Picture similar

**Technical data**

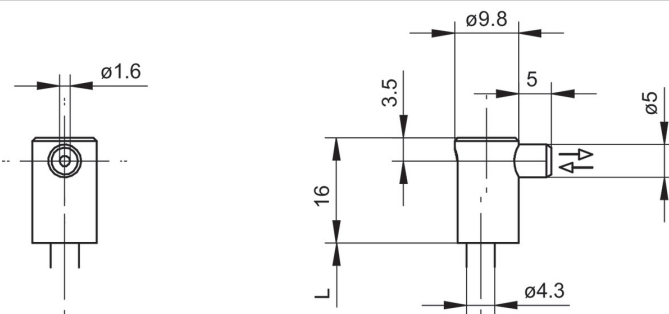
**General data**

Particular characteristics	Smooth sensing head Side view
Operating principle	Diffuse type
Sensing distance Tw	60 mm
Fiber optic head	Cylindrical smooth, side view
Operating temperature	-25 ... +70 °C
Exit angle	60°
Fiber optics can be shortened to length	No
Integrated lens	No
Adaptable lens	No
Infrared light compatibility (1450 nm)	Yes

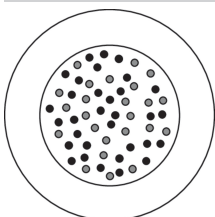
**Mechanical data**

Width / diameter (head)	5 mm
Height / length (head)	16 mm
Material (head)	Aluminum
Bending radius (fixed)	13.5 mm
Bending radius (mobile)	27 mm
Cable jacket diameter	4.5 mm
Material cable jacket	PUR
Fiber cross section	1 mm <sup>2</sup>
Material (fiber optic cable)	Glass
Length (fiber optic cable)	25 cm

**Dimension drawing**



**Fiber arrangement**



**Accessories****Fitting fiber optic sensors**

10234639	FVDM 15N5103
10122368	FVDM 15N5103/S14
10234520	FVDM 15P5103
10239451	FVDM 15P5103/S14
10234519	FVDM 15P5130
10124952	FVDM 15P5130/S14

**Mounting accessories**

10103230	Replacement cap nut for fiber optics series 15
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