

**Overview**

- Diffuse type
- Sensing distance up to 100 mm
- Cylindrical smooth sensing head  $\varnothing 4$  mm
- Metal jacket 50 cm long
- Operating temperature up to +250 °C
- For rugged fiber optic sensors FVDM 15

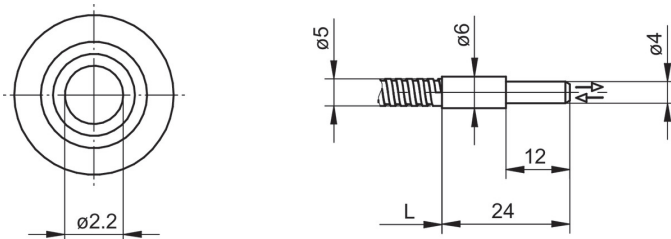


Picture similar

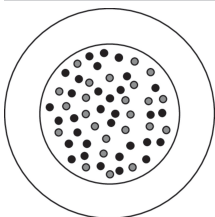
**Technical data**

General data		Mechanical data	
Particular characteristics	Smooth sensing head	Width / diameter (head)	4 mm
Operating principle	Diffuse type	Height / length (head)	24 mm
Sensing distance Tw	100 mm	Material (head)	Aluminum
Fiber optic head	Cylindrical smooth	Bending radius (fixed)	15 mm
Operating temperature	-25 ... +250 °C	Bending radius (mobile)	30 mm
Exit angle	60°	Cable jacket diameter	5 mm
Fiber optics can be shortened to length	No	Material cable jacket	Brass chromium plated
Integrated lens	No	Fiber cross section	2 mm <sup>2</sup>
Adaptable lens	No	Material (fiber optic cable)	Glass
Infrared light compatibility (1450 nm)	Yes	Length (fiber optic cable)	50 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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