

Overview

- Through-beam type
- Actual range up to 160 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

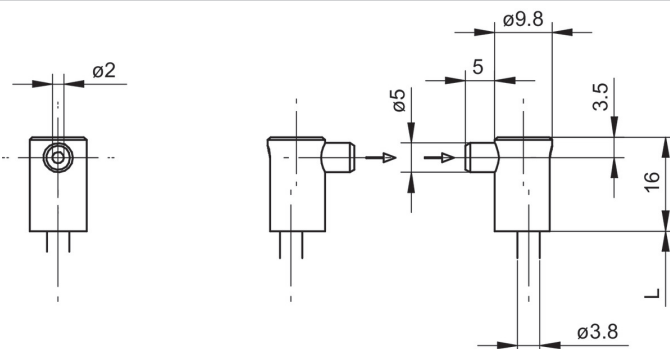


Picture similar

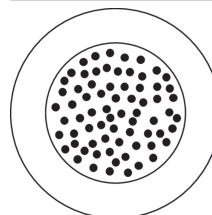
Technical data

General data		Mechanical data	
Operating principle	Through-beam type	Width / diameter (head)	5 mm
Actual range Sb	160 mm	Height / length (head)	16 mm
Fiber optic head	Cylindrical smooth, side view	Material (head)	Aluminum
Operating temperature	-25 ... +70 °C	Bending radius (fixed)	12 mm
Exit angle	60°	Bending radius (mobile)	24 mm
Fiber optics can be shortened to length	No	Cable jacket diameter	4 mm
Integrated lens	No	Material cable jacket	PVC
Adaptable lens	No	Fiber cross section	4 mm ²
Infrared light compatibility (1450 nm)	Yes	Material (fiber optic cable)	Glass
Smallest object recognizable	0.1 mm	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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