

Overview

- Diffuse type
- Sensing distance up to 60 mm
- Cylindrical smooth sensing head $\varnothing 5$ mm, side view
- Plastic jacket 50 cm long
- Operating temperature up to +70 °C
- For rugged fiber optic sensors FVDM 15



Picture similar

Technical data

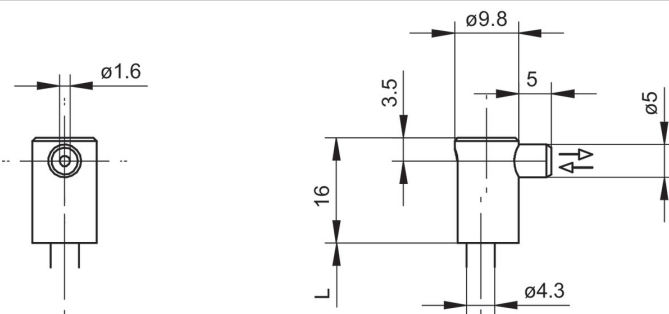
General data

| | |
|---|----------------------------------|
| 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 |

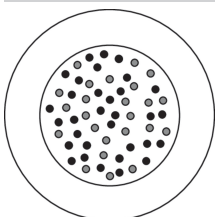
Mechanical data

| | |
|------------------------------|-------------------|
| 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 ² |
| Material (fiber optic cable) | Glass |
| 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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