

**Overview**

- Through-beam type
- Actual range up to 450 mm
- Cylindrical smooth sensing head  $\varnothing 5$  mm, side view
- Metal jacket 50 cm long
- Operating temperature up to +120 °C
- For rugged fiber optic sensors FZAM 18 and FZAM 30



Picture similar

**Technical data**

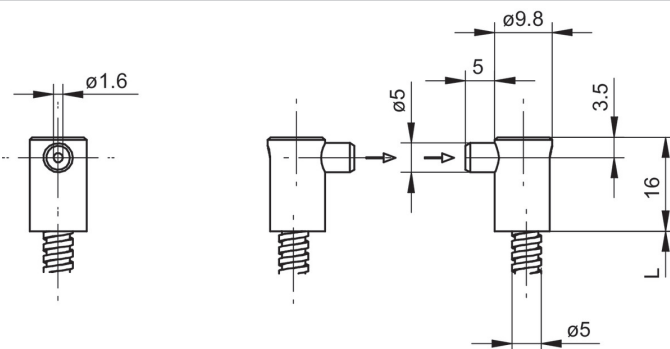
**General data**

Particular characteristics	Smooth sensing head Side view
Operating principle	Through-beam type
Actual range Sb	450 mm
Fiber optic head	Cylindrical smooth, side view
Operating temperature	-25 ... +120 °C
Exit angle	60°
Fiber optics can be shortened to length	No
Integrated lens	No
Adaptable lens	No
Infrared light compatibility (1450 nm)	Yes

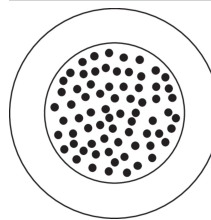
**Mechanical data**

Width / diameter (head)	5 mm
Height / length (head)	16 mm
Material (head)	Aluminum
Bending radius (fixed)	15 mm
Bending radius (mobile)	30 mm
Cable jacket diameter	5 mm
Material cable jacket	Brass chromium plated
Fiber cross section	2 mm <sup>2</sup>
Material (fiber optic cable)	Glass
Length (fiber optic cable)	50 cm

**Dimension drawing**



**Fiber arrangement**



**Actual range diagram**

Sensor	ActualRange Sb [mm]
FZAM 30x5004	450
FZAM 30x5001	380
FZAM 18x1150 & FZAM 18x6460	450
FZAM 18x1155	180

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

10129020	FZAM 18N1150
10129021	FZAM 18N1150/S14
10129023	FZAM 18N1155
10128874	FZAM 18N6460
10128875	FZAM 18N6460/S14
10127712	FZAM 18P1150
10128111	FZAM 18P1150/S14
10127711	FZAM 18P1155
10128118	FZAM 18P6460
10127710	FZAM 18P6460/S14
10215060	FZAM 30N5004
10214166	FZAM 30P5001
10215057	FZAM 30P5004

**Mounting accessories**

10106042	Adapter series 30 for angeled fiber optics
10101958	Adjusting plate series 18
10101480	Replacements cap nut for fiber optics series 18
10102801	Cap nut for sensors series 30