

# FSF 050A2002

Glass fiber optic cable

Article number: 10210323

## Overview

- Through-beam type
- Actual range up to 450 mm
- Cylindrical smooth sensing head  $\varnothing 4$  mm
- Metal jacket 50 cm long
- Operating temperature up to +250 °C
- For rugged fiber optic sensors FZAM 18 and FZAM 30

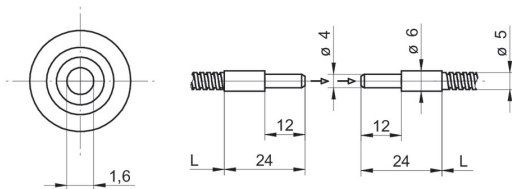


Picture similar

## Technical data

General data		Mechanical data	
Particular characteristics	Smooth sensing head	Width / diameter (head)	4 mm
Operating principle	Through-beam type	Height / length (head)	24 mm
Actual range Sb	450 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

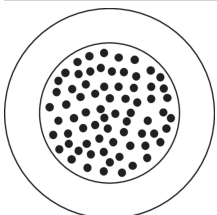
## Dimension drawing



## Actual range diagram

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

## Fiber arrangement



**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**

10102757	Adapter series 30
10101958	Adjusting plate series 18
10101480	Replacements cap nut for fiber optics series 18
10102801	Cap nut for sensors series 30