

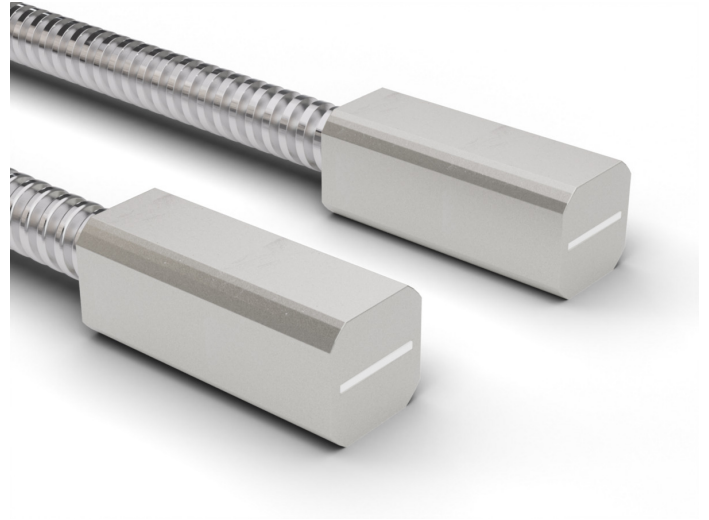
# FSF 050A3020

Glass fiber optic cable

Article number: 10230611

## Overview

- Through-beam type
- Actual range up to 500 mm
- Rectangular sensing head 10 mm, array width 8 mm
- Metal jacket 50 cm long
- Operating temperature up to +250 °C
- For rugged fiber optic sensors FZAM 18

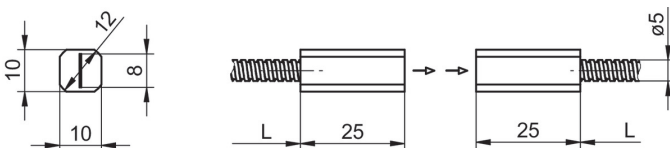


Picture similar

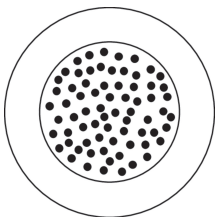
## Technical data

General data		Mechanical data	
Particular characteristics	Array (fine light barrier)	Array width	8 mm
Operating principle	Through-beam type	Width / diameter (head)	10 mm
Actual range Sb	500 mm	Height / length (head)	25 mm
Fiber optic head	Rectangular	Depth (head)	16
Operating temperature	-25 ... +250 °C	Material (head)	Aluminum
Exit angle	60°	Bending radius (fixed)	15 mm
Fiber optics can be shortened to length	No	Bending radius (mobile)	30 mm
Integrated lens	No	Cable jacket diameter	5 mm
Adaptable lens	No	Material cable jacket	Brass chromium plated
Infrared light compatibility (1450 nm)	Yes	Material (fiber optic cable)	Glass
Smallest object recognizable	0.1 mm	Length (fiber optic cable)	50 cm

## Dimension drawing



## Fiber arrangement



## Actual range diagram

Sensor	ActuaRange Sb [mm]
FZAM 30x5004	
FZAM 30x5001	
FZAM 18x1150 & FZAM 18x6460	500
FZAM 18x1155	310

**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

**Mounting accessories**

10101958	Adjusting plate series 18
----------	---------------------------