

FUE 050A3001

Glass fiber optic cable

Article number: 10258785

Overview

- Diffuse type
- Sensing distance up to 210 mm
- Rectangular sensing head 10 mm, array width 8 mm
- Plastic jacket 50 cm long
- Operating temperature up to +70 °C
- For rugged fiber optic sensors FZAM 18 and FZAM 30

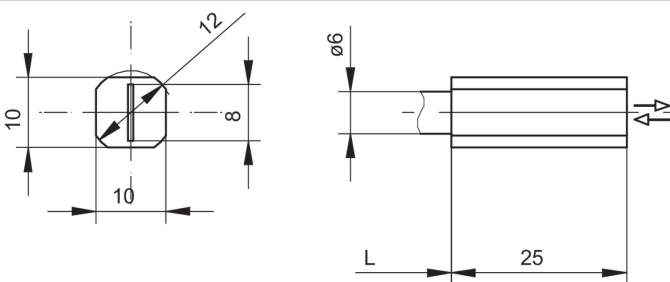


Picture similar

Technical data

General data		Mechanical data	
Particular characteristics	Array (fine light barrier)	Array width	8 mm
Operating principle	Diffuse type	Width / diameter (head)	10 mm
Sensing distance Tw	210 mm	Height / length (head)	25 mm
Fiber optic head	Rectangular	Depth (head)	16
Operating temperature	-25 ... +70 °C	Material (head)	Aluminum
Exit angle	60°	Bending radius (fixed)	18 mm
Fiber optics can be shortened to length	No	Bending radius (mobile)	36 mm
Integrated lens	No	Cable jacket diameter	6 mm
Adaptable lens	No	Material cable jacket	PUR
Infrared light compatibility (1450 nm)	Yes	Fiber cross section	3 mm ²
		Material (fiber optic cable)	Glass
		Length (fiber optic cable)	50 cm

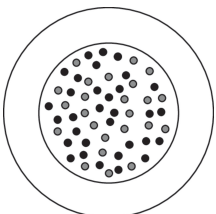
Dimension drawing



Sensing distance diagram

Sensor	Sensing Distance Tw [mm]
FZAM 30x5004	210
FZAM 30x5001	100
FZAM 18x1150 & FZAM 18x6460	150
FZAM 18x1155	60

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