

Overview

- Through-beam type
- Actual range up to 500 mm
- Rectangular sensing head 40 mm, array width 35 mm
- Metal jacket 50 cm long
- Operating temperature up to +250 °C
- For rugged fiber optic sensors FZAM 18



Picture similar

Technical data

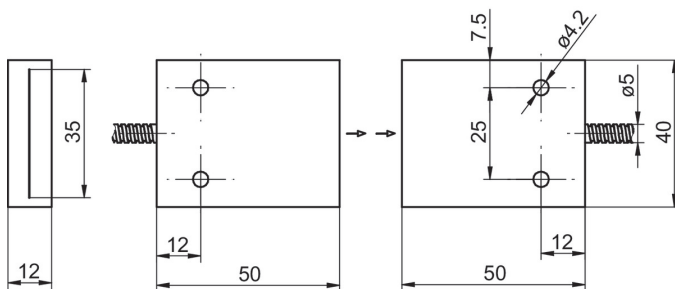
General data

Particular characteristics	Array (fine light barrier)
Operating principle	Through-beam type
Actual range Sb	500 mm
Fiber optic head	Rectangular
Operating temperature	-25 ... +250 °C
Exit angle	60°
Fiber optics can be shortened to length	No
Integrated lens	No
Adaptable lens	No
Infrared light compatibility (1450 nm)	Yes
Smallest object recognizable	0.1 mm

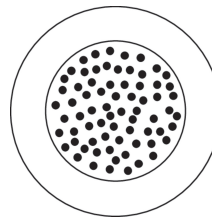
Mechanical data

Array width	35 mm
Width / diameter (head)	40 mm
Height / length (head)	50 mm
Depth (head)	12
Material (head)	Aluminum
Bending radius (fixed)	15 mm
Bending radius (mobile)	30 mm
Cable jacket diameter	5 mm
Material cable jacket	Brass chromium plated
Material (fiber optic cable)	Glass
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	350

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
----------	---------------------------