FZAM 18P6460/S14

Fiber optic sensors

Article number: 10127710

Overview

- 150 mm
- 800 mm
- pulsed infrared diode
- PNP
- Teach-in
- connector M12 4 pin
- -25 … 55 °C
- IP 67

Picture similar

Technical data

General data

Light source	Pulsed infrared diode
Light indicator	LED green
Alignment / soiled lens indicator	LED green, flashing
Output indicator	LED yellow
Adjustment	Teach-in
Wave length	880 nm
Suppression of reciprocal influence	Yes

Electrical data

Response time / release time	< 1 ms
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	55 mA
Current consumption typ.	40 mA

Electrical data

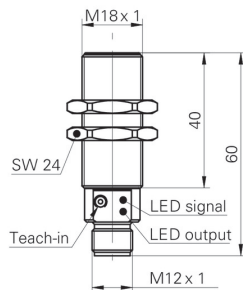|	
Voltage drop Vd	<1.8 VDC
Output function	Light / dark operate switchable
Output circuit	PNP
Output current	200 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

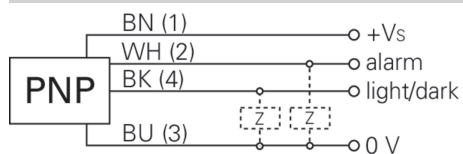|	
Width / diameter	18 mm
Height / length	60 mm
Design	Cylindrical threaded
Housing material	Brass nickel plated / PC
Connection types	Connector M12 4 pin

Ambient conditions

Operating temperature	-25 … +55 °C
Protection class	IP 67

2024-05-28

FZAM 18P6460/S14

Fiber optic sensors

Article number: 10127710

Dimension drawing

Connection diagram

Accessories

Mounting accessories

10151658	Sensofix series 18
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707699	Mounting plate series 500 and ø18 mm
11707702	Mounting base
11707703	Two-way connector

Lenses and components

10101958	Adjusting plate series 18
10101480	Replacements cap nut for fiber optics series 18