Baumer
Passion for Sensors

Fiber optic sensor

FZAM 30N5001

Article number: 10215012

Overview

- Fiber optic sensor in conjunction with Baumer fiber optics type A
- Pulsed infrared diode for humid or dusty environments
- Fast response / release time of <0.25 ms
- Intuitive adjustment with axial 20-turn potentiometer
- Robust cylindrical M30 brass housing, nickel-plated



Picture similar

Technical data

General data	
Light source	Pulsed infrared diode
Light indicator	LED yellow
Alignment / soiled lens indicator	LED, flashing
Adjustment	Potentiometer, 20 turn
Wave length	880 nm
Suppression of reciprocal influence	No
Electrical data	
Response time / release time	< 0.25 ms
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	40 mA
Current consumption typ.	30 mA

Electrical data	
Voltage drop Vd	<2.5 VDC
Output function	Light / dark operate
Output circuit	NPN
Output current	100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Width / diameter	30 mm
Height / length	66 mm
Design	Cylindrical threaded
Housing material	Brass nickel plated
Connection types	Cable 4 pin, 2 m
Ambient conditions	
Operating temperature	0 … +65 °C
Protection class	IP 65

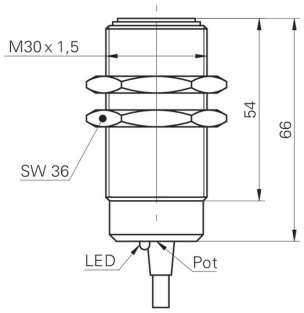
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Fiber optic sensor

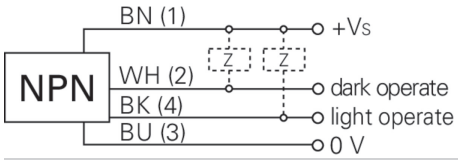
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Dimension drawing



Connection diagram



Accessories

Mounting accessories	
11200030	Sensofix series 30
11199998	ZADAP-M30.STANDARD
11199999	ZADAP-M30.LONG
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
11707700	Mounting plate ø30 mm
11707702	Mounting base
11707703	Two-way connector

Lenses and components	
10102757	Adapter series 30
10106042	Adapter series 30 for angeled fiber optics
10102801	Cap nut for sensors series 30

Scope of delivery

1x fiber optic sensor

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