

FVDM 15N5103/S14

Fiber optic sensors & cables

Article number: 10122368

Overview

- 240 mm
- 1200 mm
- pulsed infrared diode
- NPN
- potentiometer, 20 turn
- connector M12 4 pin
- -25 ... 65 °C
- IP 65



Picture similar



Technical data

General data

Actual range Sb	1200 mm
Sensing distance Tw	240 mm
Light source	Pulsed infrared diode
Light indicator	LED yellow
Alignment / soiled lens in- dicator	LED, flashing
Adjustment	Potentiometer, 20 turn
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)	46 mA
Current consumption typ.	30 mA

Electrical data

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

Mechanical data

Width / diameter	15 mm
Height / length	60 mm
Depth	45 mm
Type	Rectangular
Housing material	Die-cast aluminum
Connection types	Connector M12 4 pin

Ambient conditions

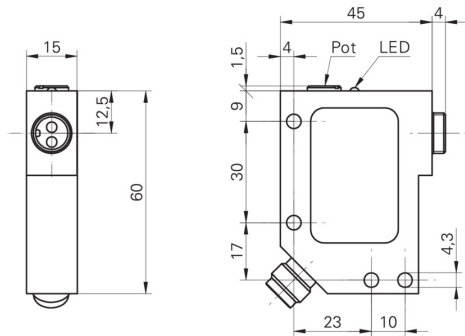
Operating temperature	-25 ... +65 °C
Protection class	IP 65

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Dimension drawing



Connection diagram

