

Overview

- retro-reflective sensor
- 5,5 m
- pulsed red LED
- NPN
- potentiometer, 270°
- connector M8 4 pin
- -25 ... 65 °C
- IP 67



Picture similar



Technical data

General data

Type	Retro-reflective sensor
Light source	Pulsed red LED
Actual range Sb	5.5 m
Nominal range Sn	6.8 m
Polarization filter	Yes
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Sensitivity adjustment	Potentiometer, 270°
Wave length	660 nm
Suppression of reciprocal influence	Yes

Electrical data

Response time / release time	< 0.5 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	25 mA

Electrical data

Current consumption typ.	22 mA
Voltage drop Vd	< 1.8 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	20 mm
Height / length	42 mm
Depth	15 mm
Type	Rectangular
Housing material	Plastic (PBT-ASA)
Front (optics)	PMMA
Connection types	Connector M8 4 pin

Ambient conditions

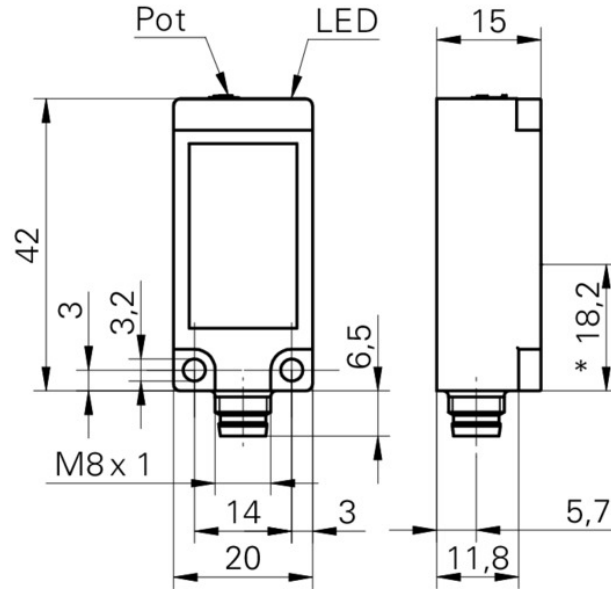
Operating temperature	-25 ... +65 °C
Protection class	IP 67

FPDK 20N5101/S35A

Retro-reflective sensors - standard

Article number: 10150009

Technical drawings



Connection diagram

