Diffuse sensors with intensity difference

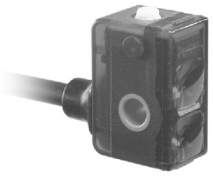
FZCK 07P6901/KS35A

Diffuse sensors with intensity difference - subminiature

Article number: 10151058

Overview

- intensity difference
- 20 … 150 mm
- pulsed red LED
- PNP
- Teach-in
- flylead connector M8 4 pin, L=200 mm
- -20 … 50 °C
- IP 65



Picture similar

Technical data

General data	
Type	Intensity difference
Light source	Pulsed red LED
Sensing distance Tw	20 … 150 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED green
Output indicator	LED yellow
Sensitivity adjustment	Teach-in
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
Current consumption typ.	20 mA

Electrical data	
Voltage drop Vd	< 1.8 VDC
Output function	Light / dark operate
Output circuit	PNP
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Width / diameter	8 mm
Height / length	16.2 mm
Depth	10.8 mm
Type	Rectangular
Housing material	Plastic (PMMA, MABS, PA)
Front (optics)	PMMA
Connection types	Flylead connector M8 4 pin, L=200 mm
Ambient conditions	
Protection class	IP 65
Operating temperature	-20 … +50 °C

Remarks

- Sensitivity adjustable: via Teach-in button or Teach-in wire input

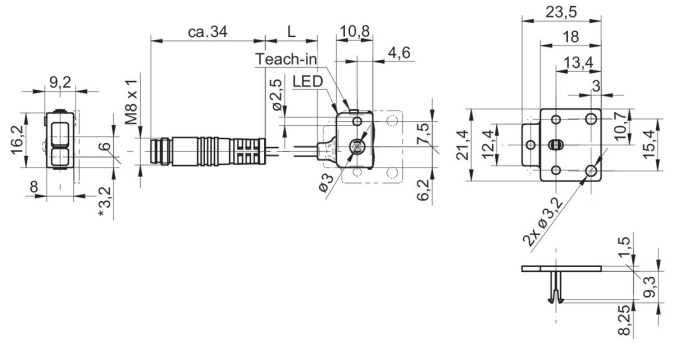
2022-11-10 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

FZCK 07P6901/KS35A

Diffuse sensors with intensity difference - subminiature

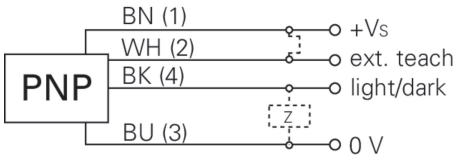
Article number: 10151058

Dimension drawing



- * emitter axis

Connection diagram



2022-11-10 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.