

## FHDK 10G5120/S35A

Diffuse sensors with background suppression - miniature

Article number: 10160914

### Overview

- background suppression
- 30 mm ±2 mm
- pulsed red LED
- push-pull
- connector M8 4 pin
- -25 ... 65 °C
- IP 67



Picture similar



### Technical data

#### General data

Type	Background suppression
Light source	Pulsed red LED
Sensing distance Tw	30 mm ±2 mm
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Wave length	660 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)	25 mA
Current consumption typ.	18 mA
Voltage drop Vd	< 1.8 VDC

#### Electrical data

Output function	Light / dark operate
Output circuit	Push-pull
Output current	< 50 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Width / diameter	10.4 mm
Height / length	27 mm
Depth	14.7 mm
Type	Rectangular
Housing material	Plastic (ASA)
Front (optics)	PMMA
Connection types	Connector M8 4 pin

#### Ambient conditions

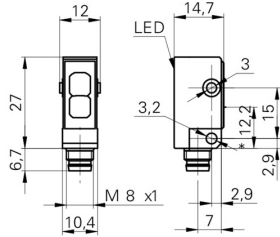
Protection class	IP 67
Operating temperature	-25 ... +65 °C

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## Dimension drawing



- \* emitter axis

## Connection diagram

