

## OHDK 25G6912/S14C

Diffuse sensors with background suppression - standard

Article number: 11079992

### Overview

- background suppression
- 100 ... 1750 mm
- pulsed red laser diode
- push-pull
- Teach-in
- connector M12 5 pin
- 50 °C
- IP 67



Picture similar



### Technical data

General data		Electrical data	
Type	Background suppression	Output function	Light / dark operate
Light source	Pulsed red laser diode	Output circuit	Push-pull
Sensing distance Tw	100 ... 1750 mm	Output current	< 100 mA
Sensing range Tb	100 ... 1750 mm	Number of outputs	2
Power on indication	LED green	Short circuit protection	Yes
Light indicator	LED yellow	Reverse polarity protection	Yes
Sensing distance adjustment	Teach-in	<b>Mechanical data</b>	
Laser class	1	Width / diameter	23,4 mm
Wave length	656 nm	Height / length	63 mm
Beam diameter	3,7 ... 22 mm	Depth	45 mm
Black/white shift	0%	Type	Rectangular
<b>Electrical data</b>		Housing material	Plastic (SAN LURAN 378P)
Response time / release time	< 10 ms	Front (optics)	PMMA
Voltage supply range +Vs	10 ... 30 VDC	Connection types	Connector M12 5 pin
Current consumption max. (no load)	80 mA	<b>Ambient conditions</b>	
Voltage drop Vd	< 3,5 VDC	Operating temperature	0 ... +50 °C
		Protection class	IP 67
		Storage temperature	-10 ... +70 °C

### Remarks

- qTeach

