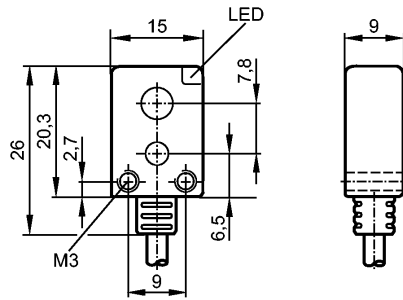


**O7H205**

O7H-DPKG/0.20M/AS

Photoelectric sensors



Receiver in upper lens, transmitter in lower lens

Made in Germany



**Product characteristics**

Diffuse reflection sensor
Rectangular, plastics
Cable with connector
Background suppression
Range 0...100mm (referred to white paper 200 x 200 mm)

**Electrical data**

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	20 (24 V)
Type of light	Red light 633 nm
Protection class	III
Reverse polarity protection	yes

**Outputs**

Output function	dark-on mode
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit protection	pulsed
Switching frequency [Hz]	750

**Range**

Range [mm]	0...100 (referred to white paper 200 x 200 mm)
Range [mm]	0...100
- Object white (90 % remission)	0...100
- Object grey (18 % remission)	2...90
- Object black (6 % remission)	4...50
Light spot diameter [mm]	7 ( at maximum range )

**Environment**

Ambient temperature [°C]	-25...60
Protection	IP 65

**Tests / approvals**

EMC	EN 60947-5-2
MTTF [Years]	1610

**Mechanical data**

## O7H205

O7H-DPKG/0.20M/AS

Photoelectric sensors

Housing materials	PA
Lens material	PMMA
Weight [kg]	0.015

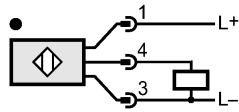
### Displays / operating elements

Output status indication	LED	yellow
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### Electrical connection

Connection	PUR cable / 0.2 m; 3 x 0.14 mm <sup>2</sup> ; with M8 connector, (snap-fit)
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### Wiring



### Remarks

Remarks	UL - Class 2 source required
Pack quantity [piece]	1