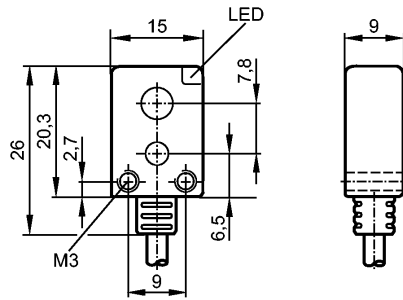


O7H203

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...50mm (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...50 (referred to white paper 200 x 200 mm)
Range [mm]		0...50
- Object white (90 % remission)		0...50
- Object grey (18 % remission)		2...50
- Object black (6 % remission)		4...50
Light spot diameter [mm]		2.5 (at maximum range)

Environment

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

Tests / approvals

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

Mechanical data

O7H203

O7H-DPKG/0.20M/AS

Photoelectric sensors

Housing materials	PA
Lens material	PMMA
Weight [kg]	0.018

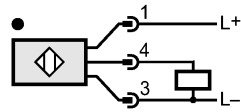
Displays / operating elements

Output status indication	LED	yellow
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Electrical connection

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



Remarks

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