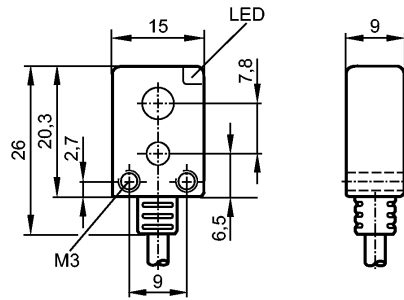


**O7H204**

O7H-HPKG/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		light-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**

**O7H204**

O7H-HPKG/0.20M/AS

**Photoelectric sensors**

Housing materials	PA
Lens material	PMMA
Weight [kg]	0.017

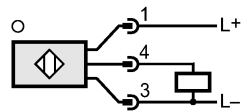
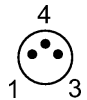
**Displays / operating elements**

Output status indication	LED	yellow
--------------------------	-----	--------

**Electrical connection**

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

**Wiring**



**Remarks**

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