

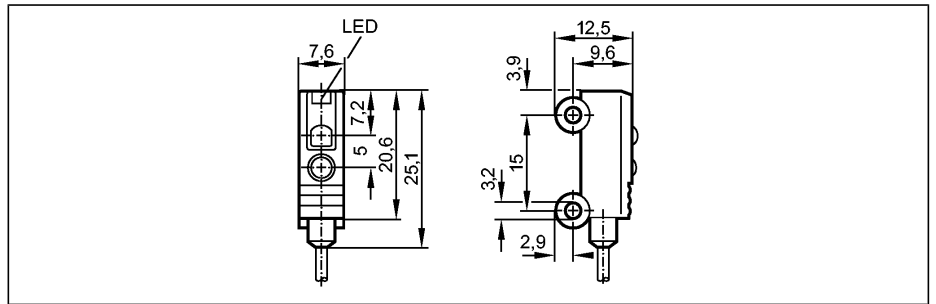
Photoelectric sensors

**OH5006**

OHH-HPKG/2m  
Diffuse reflection sensor  
Rectangular, plastics  
Cable

Background suppression

Range 1...30mm  
(Range referred to white paper 200 x 200 mm, 90 % remission)



Made in Germany

**Electrical design**

**Output**

Light spot diameter	[mm]
Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Current consumption	[mA]
Switching frequency	[Hz]
Response time	[ms]
Type of light	
Life expectancy typ.	[h]
Ambient temperature	[°C]
Protection	
EMC	
Housing materials	
Lens material	
Function display	
Switching status	LED
Unsafe zone	LED
Connection	
Weight	[kg]

**DC PNP  
light-on mode**

Light spot diameter	4.5 ( at maximum range )
Operating voltage	10...30 DC
Current rating	50
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Current consumption	< 20
Switching frequency	800
Response time	< 0.6
Type of light	red light
Life expectancy typ.	75000 (25°C)
Ambient temperature	-20...50
Protection	IP 67, III
EMC	EN 60947-5-2
Housing materials	ABS
Lens material	PMMA
Function display	
Switching status	yellow (permanently lit)
Unsafe zone	yellow (flashing)
Connection	PVC cable / 2 m; 3 x 0.09 mm <sup>2</sup>
Weight	0.027

**Wiring**

Core colours

- BK black
- BN brown
- BU blue

