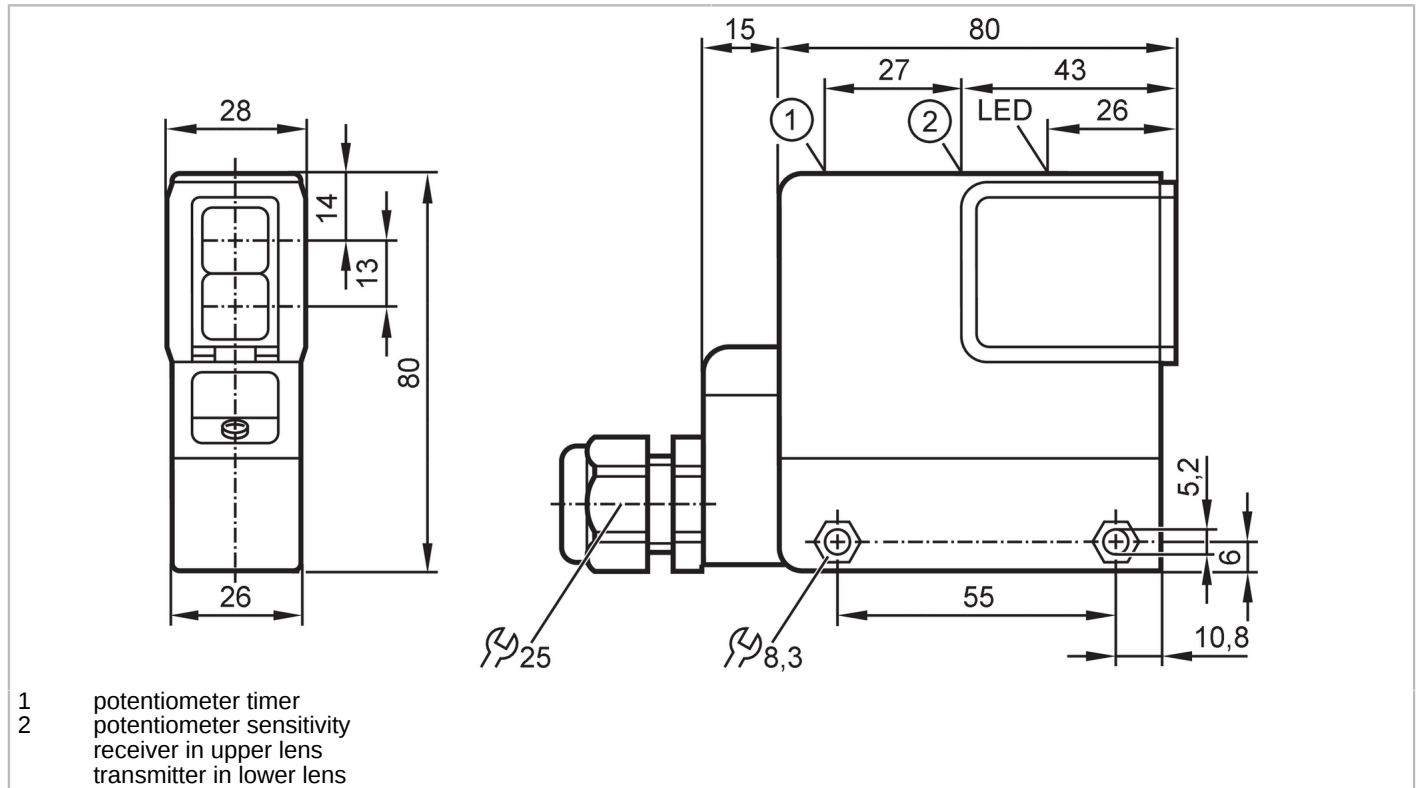


# OS5032



## Retro-reflective sensor

OSP-FPKG/T



Product characteristics	
Type of light	red light
Housing	rectangular
Application	
Special feature	polarisation filter
Function principle	Retro-reflective sensor
Application	Industrial applications / factory automation
Electrical data	
Operating voltage [V]	10...55 DC
Current consumption [mA]	25; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660
Outputs	
Electrical design	PNP
Output function	light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	40
Short-circuit protection	yes

# OS5032



## Retro-reflective sensor

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Type of short-circuit protection	pulsed
Overload protection	yes
Time function [s]	0.01...5

### Detection zone

Range referred to prismatic reflector [m]	6; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Polarisation filter available	yes

### Operating conditions

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

### Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF [years]	472	

### Mechanical data

Weight [g]	289
Housing	rectangular
Dimensions [mm]	80 x 28 x 95
Materials	housing: PPO modified
Lens material	front pane:glass
Lens alignment	side lens

### Displays / operating elements

Display	switching status	1 x LED, yellow
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### Accessories

Items supplied	Angle bracket: 1, E20210 screwdrivers
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### Remarks

Pack quantity	1 pcs.
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### Electrical connection

terminals: ...1.5 mm<sup>2</sup>; Cable gland: M20 X 1.5

### Connection

