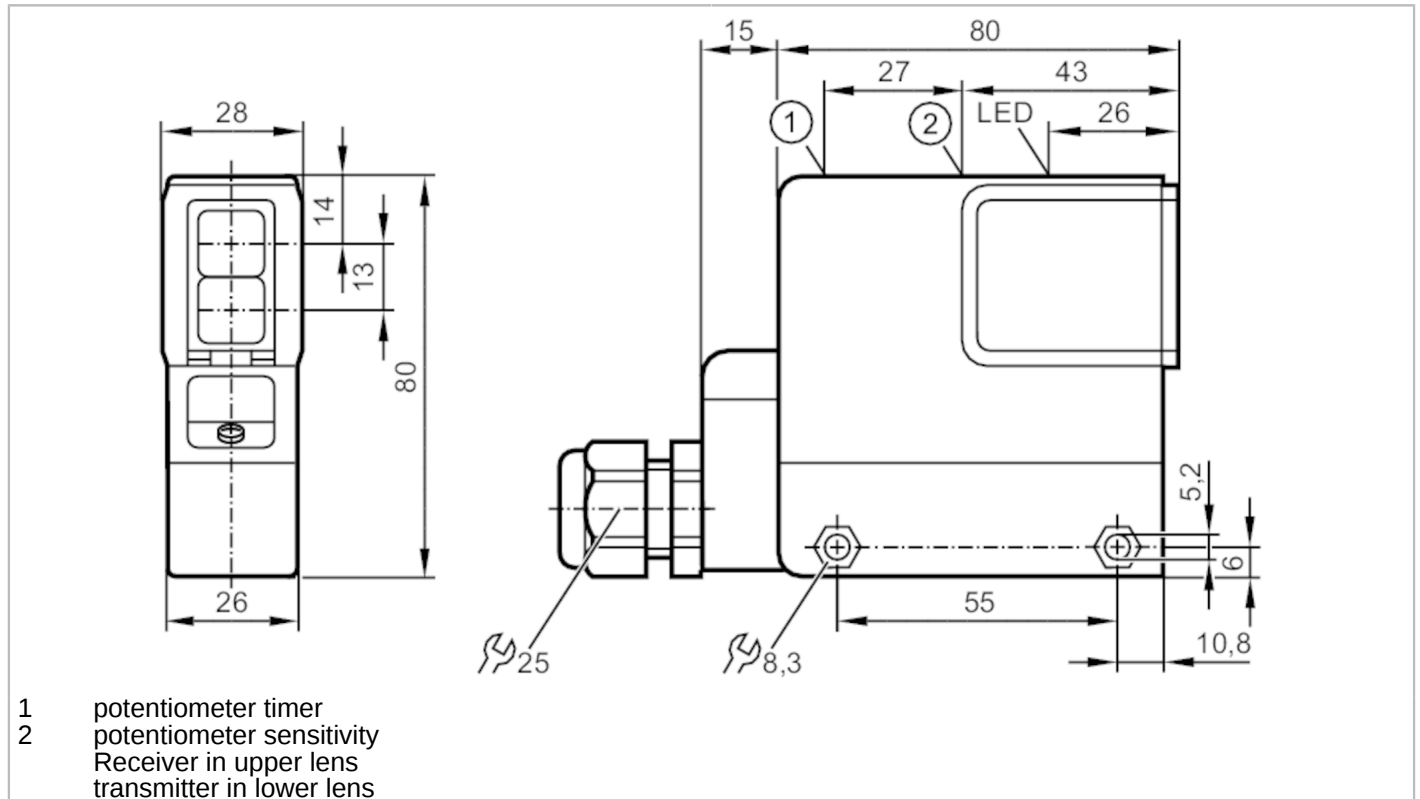


# OS5016



## Retro-reflective sensor

OSR-FPKG



### Product characteristics

Type of light	Infrared light
Housing	rectangular
Dimensions [mm]	80 x 28 x 95

### Application

Function principle	Retro-reflective sensor
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### Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	30; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	Infrared light
Wave length [nm]	950

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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]	100
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes
Monitoring range		
Range referred to prismatic reflector	[m]	10; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	632
Mechanical data		
Weight	[g]	275
Housing		rectangular
Dimensions	[mm]	80 x 28 x 95
Material		PPO modified
Lens material		glass
Lens alignment		Side sensing
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		Angle bracket: 1, E20210 screwdrivers
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

