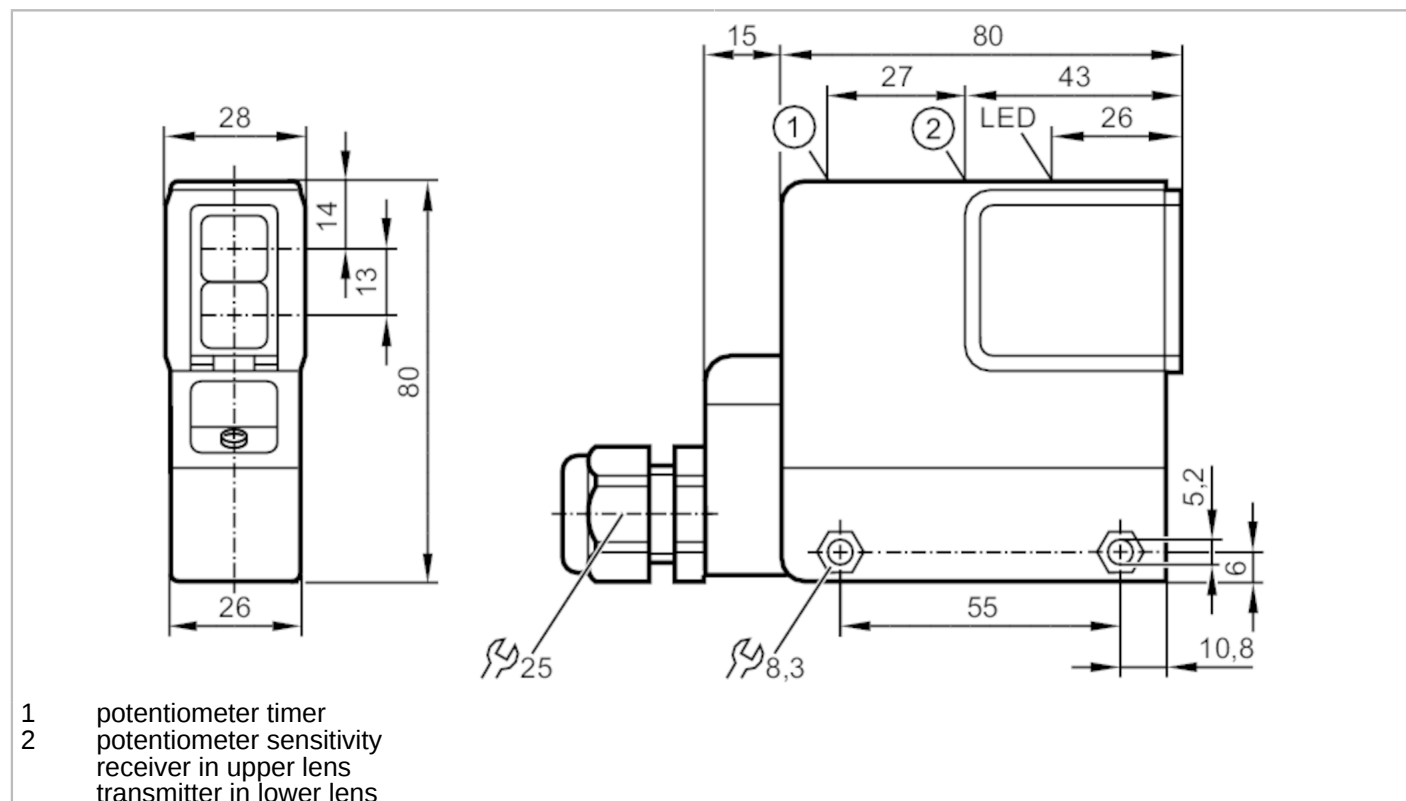


OS5031



Retro-reflective sensor

OSP-FPKG



Application

Function principle	Retro-reflective sensor
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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]	100
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes



Retro-reflective sensor

OSP-FPKG

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	class B
	EN 55011	
MTTF	[years]	634
Mechanical data		
Weight	[g]	275.2
Housing		rectangular
Dimensions	[mm]	80 x 28 x 95
Materials		PPO modified
Lens material		glass
Lens alignment		side lens
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	Angle bracket: 1 x, E20210	
	screwdrivers	
Remarks		
Notes	discontinued article	
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...1.5 mm²; Cable gland: M20 X 1.5		
Connection		

