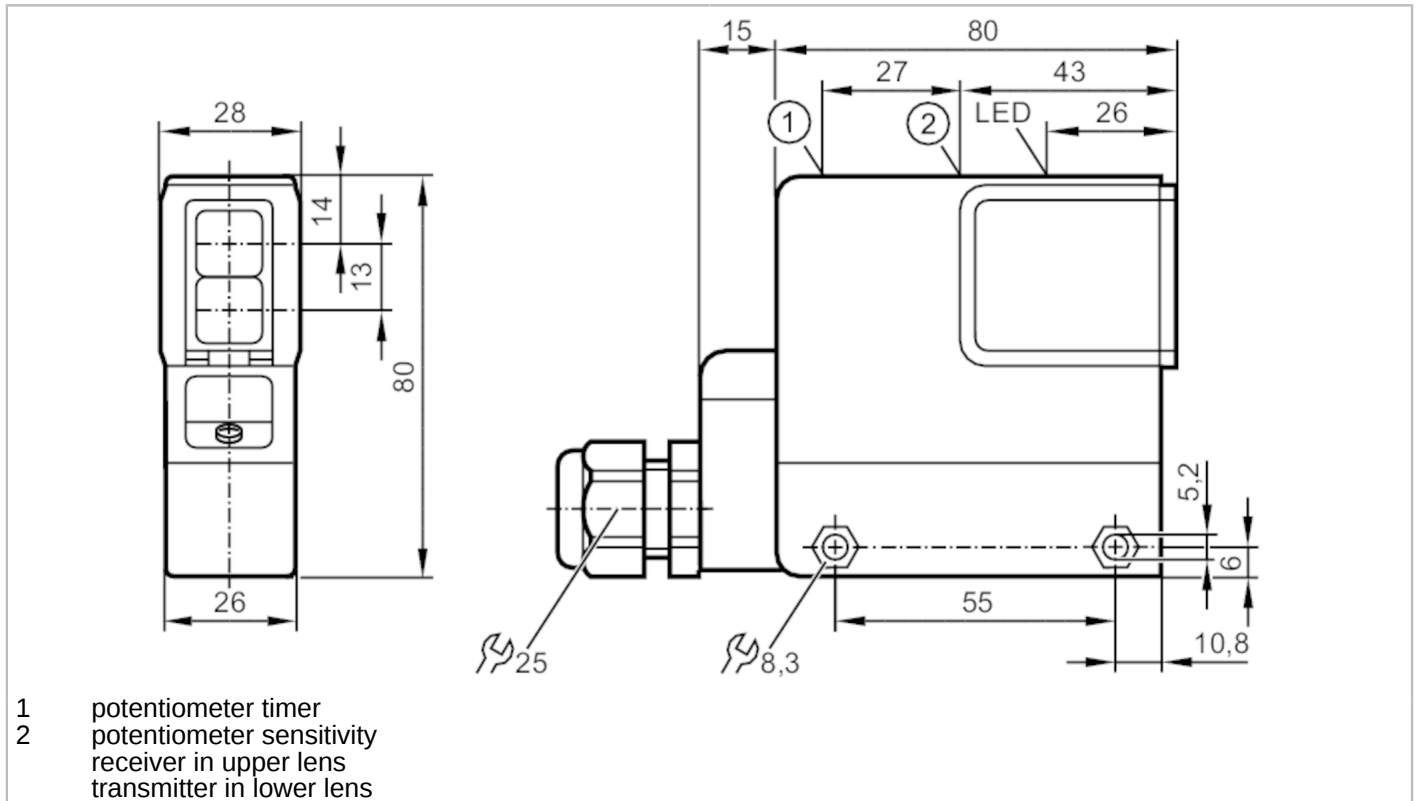


OS5016



Retro-reflective sensor

OSR-FPKG



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

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

OS5016



Retro-reflective sensor

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Detection zone		
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]	270.2	
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		
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...1.5 mm ² ; Cable gland: M20 X 1.5		
Connection		

