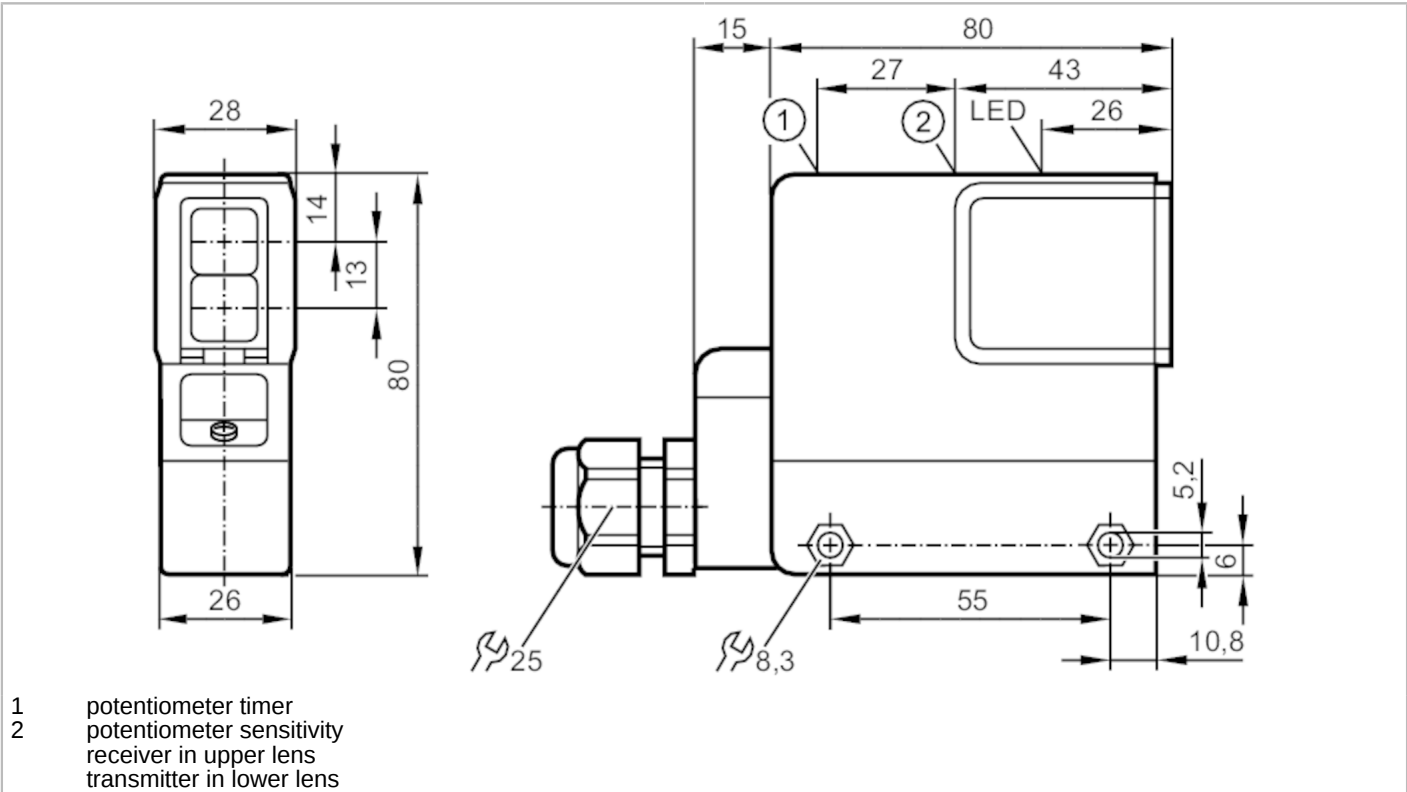


OS5016



Retro-reflective sensor

OSR-FPKG



Product characteristics		
Type of light		infrared light
Housing		rectangular
Application		
Function principle		Retro-reflective sensor
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



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Overload protection	yes	
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]	275
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		
Items supplied	Angle bracket: 1, E20210 screwdrivers	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...1.5 mm²; Cable gland: M20 X 1.5		
Connection		

