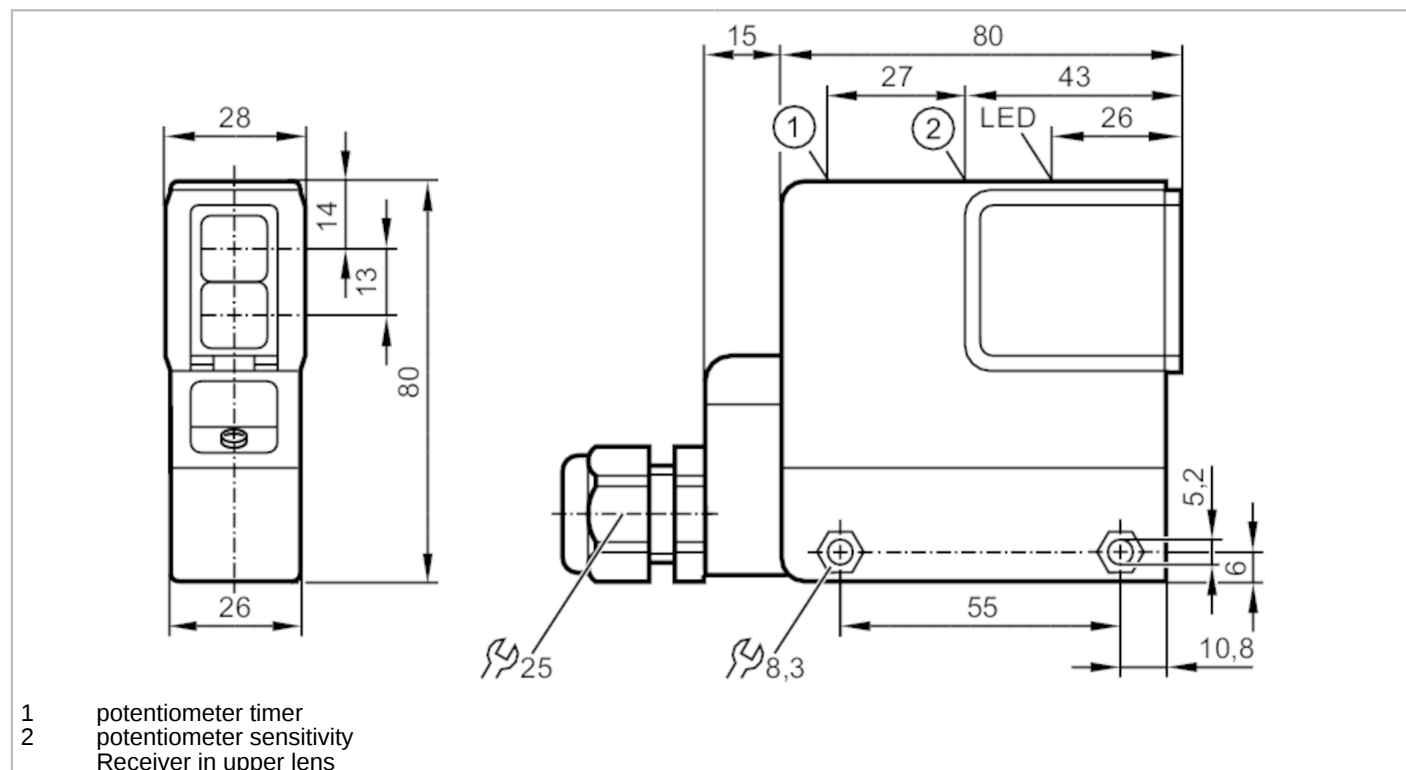


OS5013



Through-beam sensor receiver

OSE-FPKG



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	20; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	880

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



Through-beam sensor receiver

OSE-FPKG

Monitoring range		
Transmitter / receiver	receiver	
Range [m]	< 20	
Range adjustable	yes	
Operating conditions		
Ambient temperature [°C]	-25...80	
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF [years]	618	
Mechanical data		
Weight [g]	274.5	
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.	
Electrical connection		
terminals: ...1.5 mm²; Cable gland: M20 X 1.5		
Connection		

