

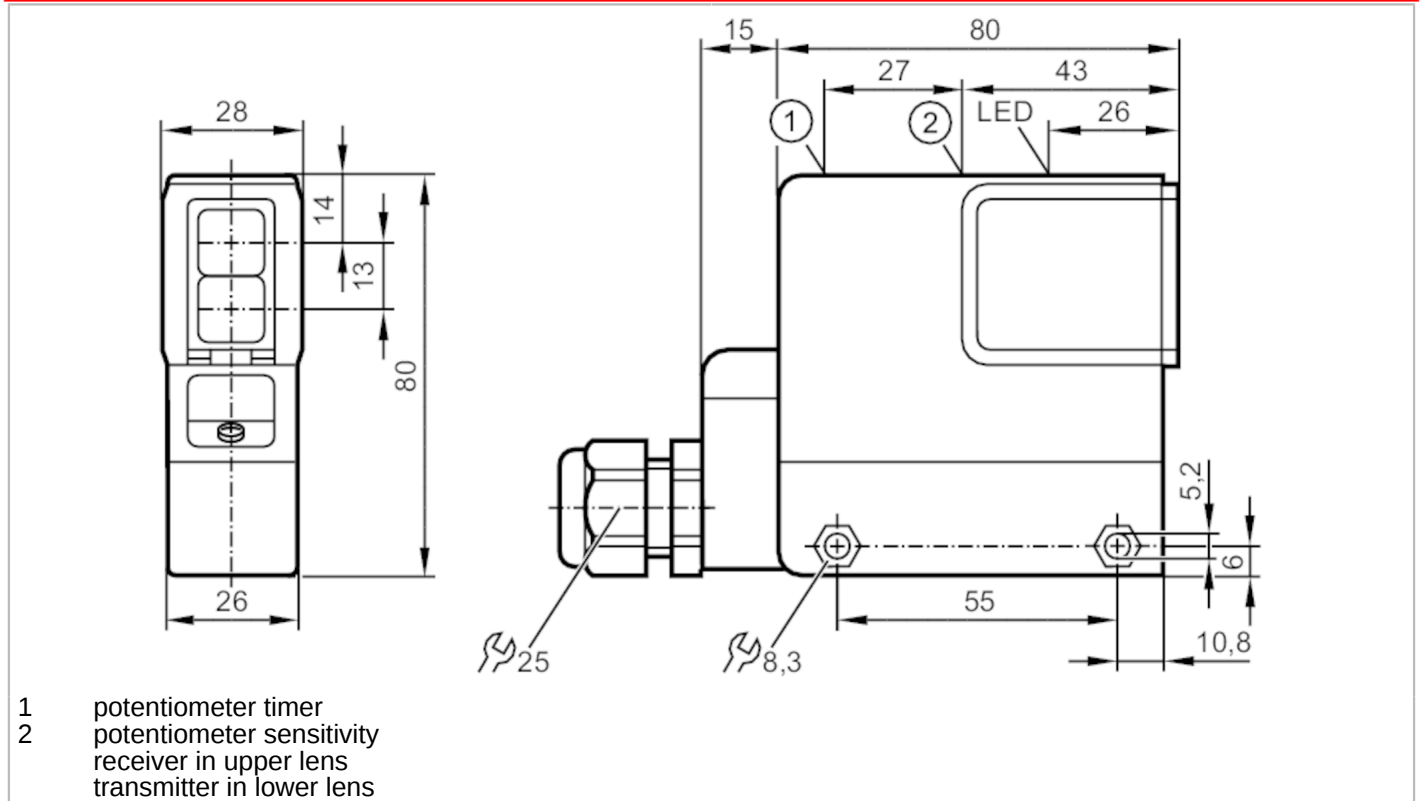


Retro-reflective sensor

OSP-FNKG

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Product characteristics

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

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

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

OS5033



Retro-reflective sensor

OSP-FNKG

Outputs		
Electrical design		NPN
Output function		light-on/dark-on mode; (parameterisable)
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
Detection zone		
Range	[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
Mechanical data		
Housing		rectangular
Dimensions	[mm]	80 x 28 x 95
Materials		PPO modified
Lens material		glass
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)		Angle bracket screwdrivers
Remarks		
Pack quantity		1 pcs.

OS5033



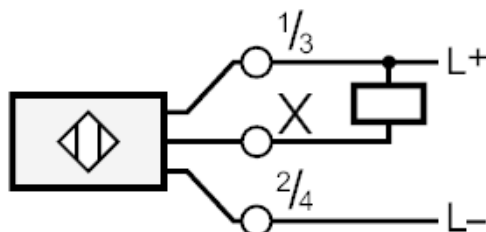
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Electrical connection

terminals: ...1.5 mm²; Cable sheath: Ø 7...13 mm

Connection



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