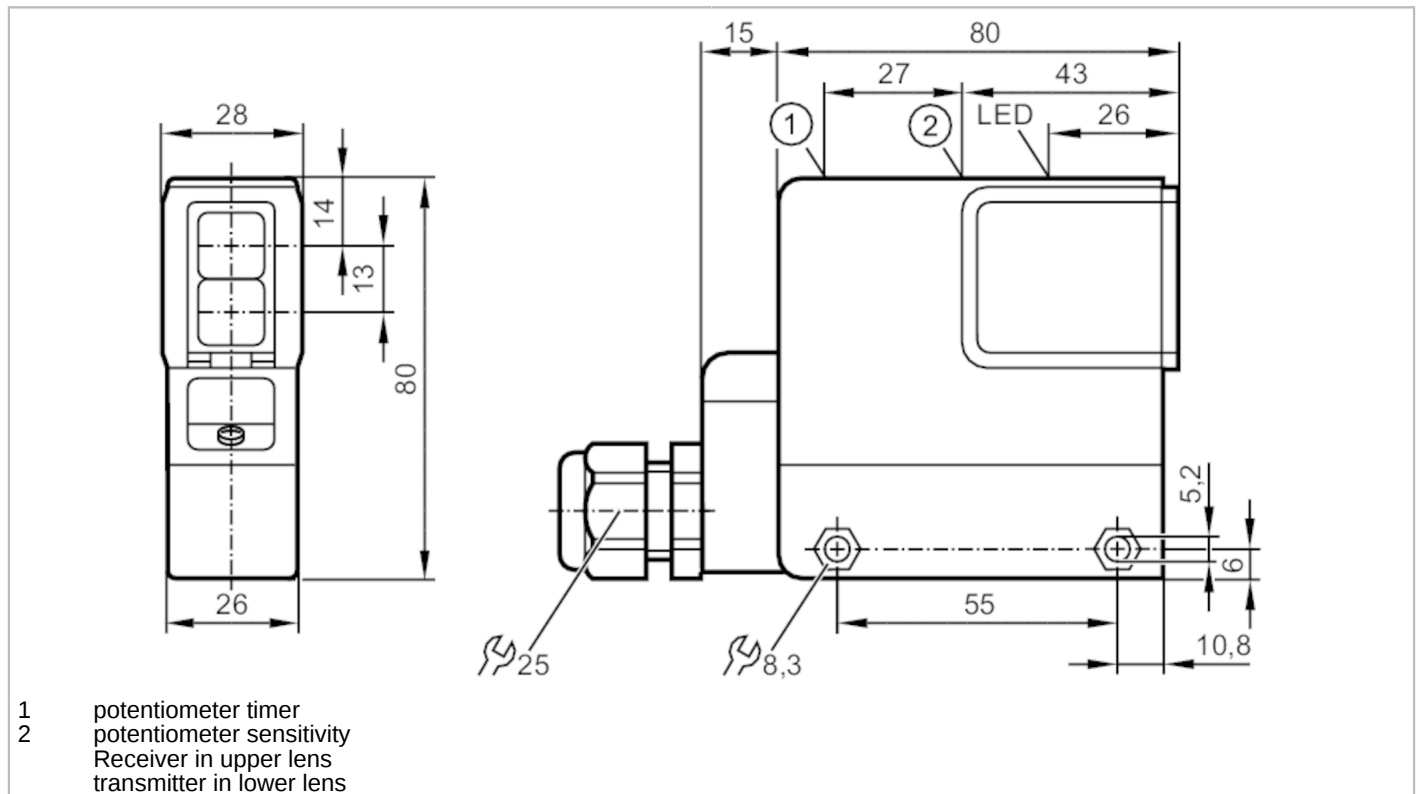




Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Diffuse reflection 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]	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)

OS5018



Diffuse reflection sensor

OST-FPKG

Overload protection	yes
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Monitoring range

Range [mm]	< 1000; (white paper 200 x 200 mm)
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Range adjustable	yes
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Operating conditions

Ambient temperature [°C]	-25...80
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Protection	IP 65
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Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

MTTF [years]	639
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Mechanical data

Weight [g]	275
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Housing	rectangular
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Dimensions [mm]	80 x 28 x 95
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Material	PPO modified
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Lens material	glass
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Lens alignment	Side sensing
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Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	Angle bracket: 1, E20210 screwdrivers
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Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: ...1.5 mm²; Cable gland: M20 X 1.5

Connection

