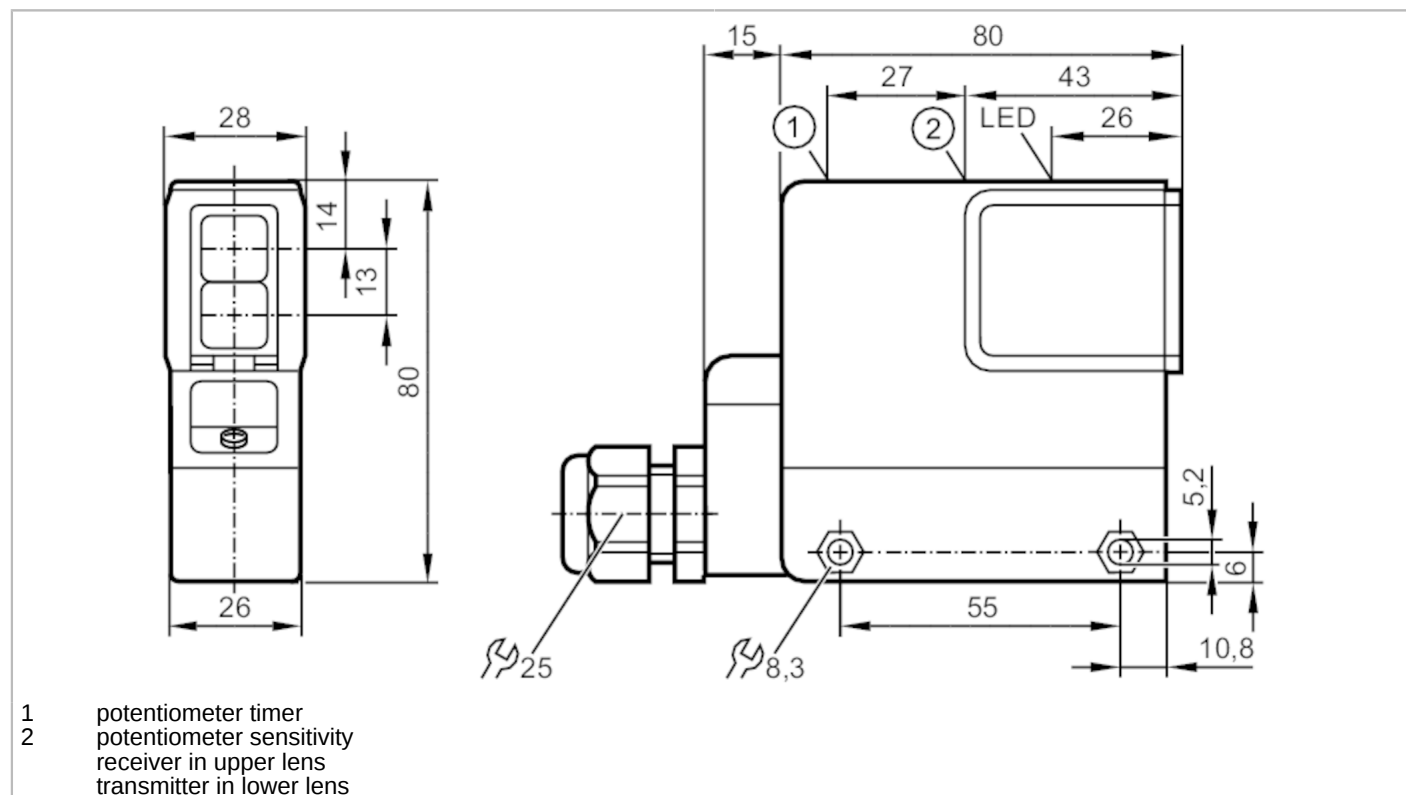




Diffuse reflection sensor

OST-FPKG/T

Article no longer available - archive entry



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]	40
Short-circuit protection		yes



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Type of short-circuit protection	pulsed
Overload protection	yes
Time function [s]	0.01...5

Detection zone

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

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Weight [g]	0.274
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
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Accessories

Items supplied	Angle bracket: 1, E20210
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

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

Connection

