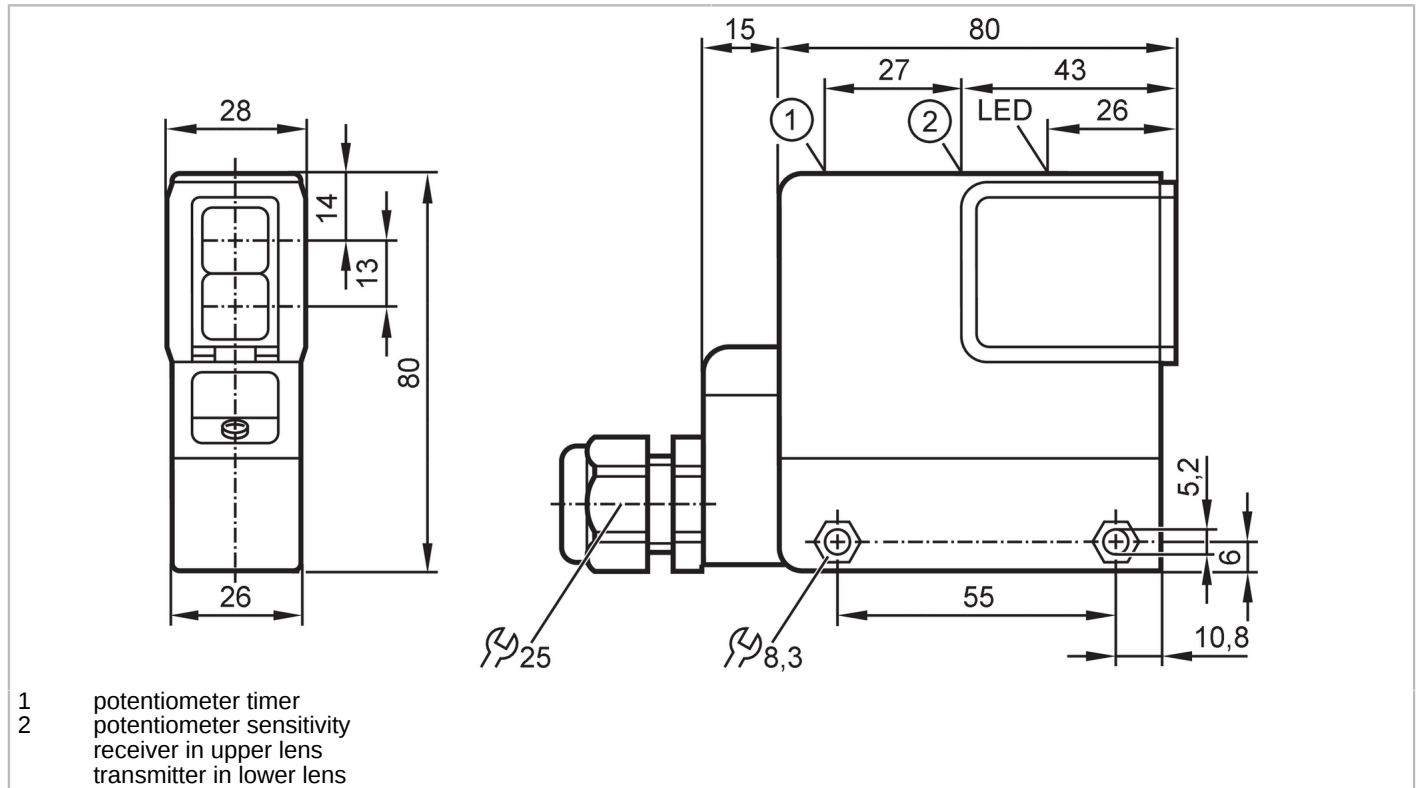


OS5018



Diffuse reflection sensor

OST-FPKG



Product characteristics	
Type of light	infrared light
Housing	rectangular
Application	
Function principle	Diffuse reflection sensor
Application	Industrial applications / factory automation
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

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Type of short-circuit protection	pulsed
Overload protection	yes

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 EN 55011 class B
MTTF [years]	639

Mechanical data	
Weight [g]	275
Housing	rectangular
Dimensions [mm]	80 x 28 x 95
Materials	housing: PPO modified
Lens material	front pane: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 mm ² ; Cable gland: M20 X 1.5	

Connection

