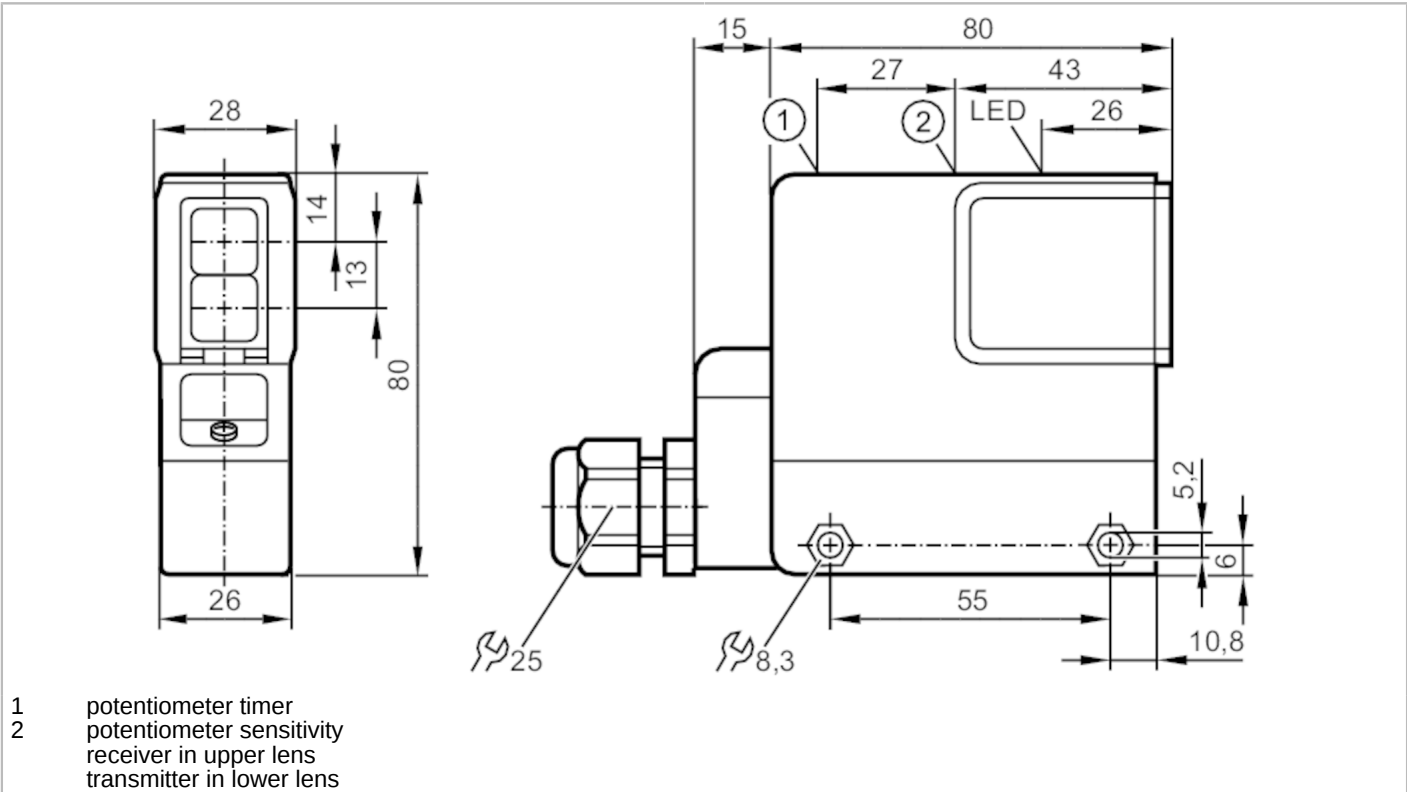


OS5018



Diffuse reflection sensor

OST-FPKG



Product characteristics		
Type of light		infrared light
Housing		rectangular
Application		
Function principle		Diffuse reflection sensor
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		pulsed



Diffuse reflection sensor

OST-FPKG

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	PPO modified
-----------	--------------

Lens material	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 mm²; Cable gland: M20 X 1.5

Connection

