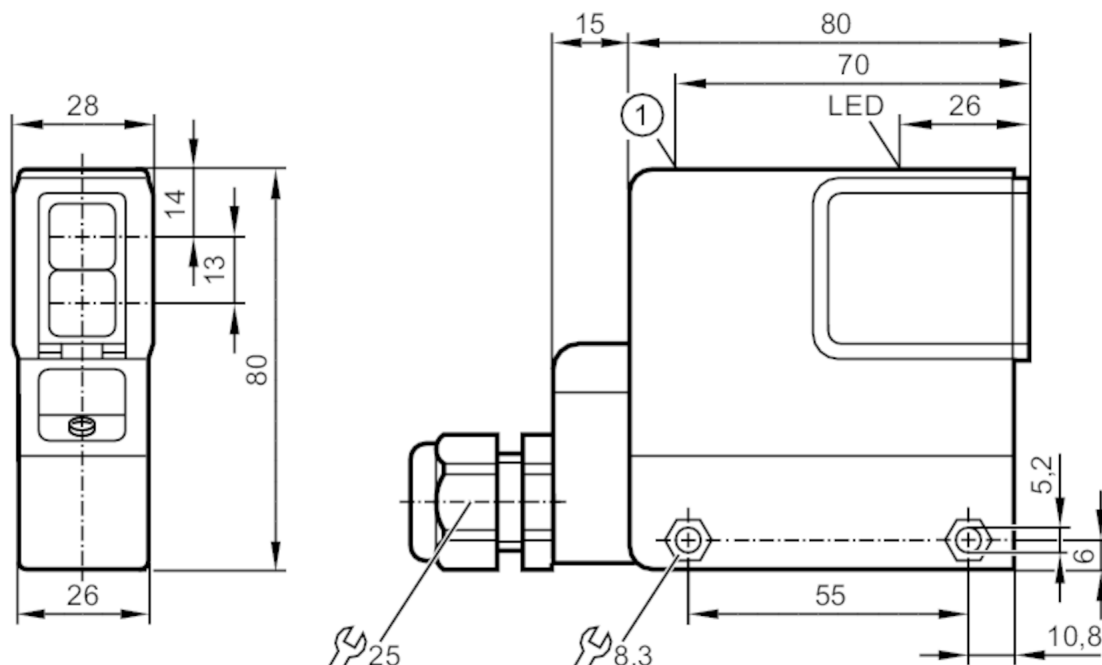




Diffuse reflection sensor

OSN-FPKG/T

Article no longer available - archive entry



- 1 potentiometer sensitivity receiver in upper lens transmitter in lower lens

Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Special feature	Diffuse reflection sensor for short ranges
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; (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



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Overload protection	yes
Time function [s]	0.01...5

Detection zone

Range [mm]	< 220; (white paper 200 x 200 mm)
Diffuse reflection sensor for short ranges	yes

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

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
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Аксессуары

Items supplied	Angle bracket
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

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

Connection

