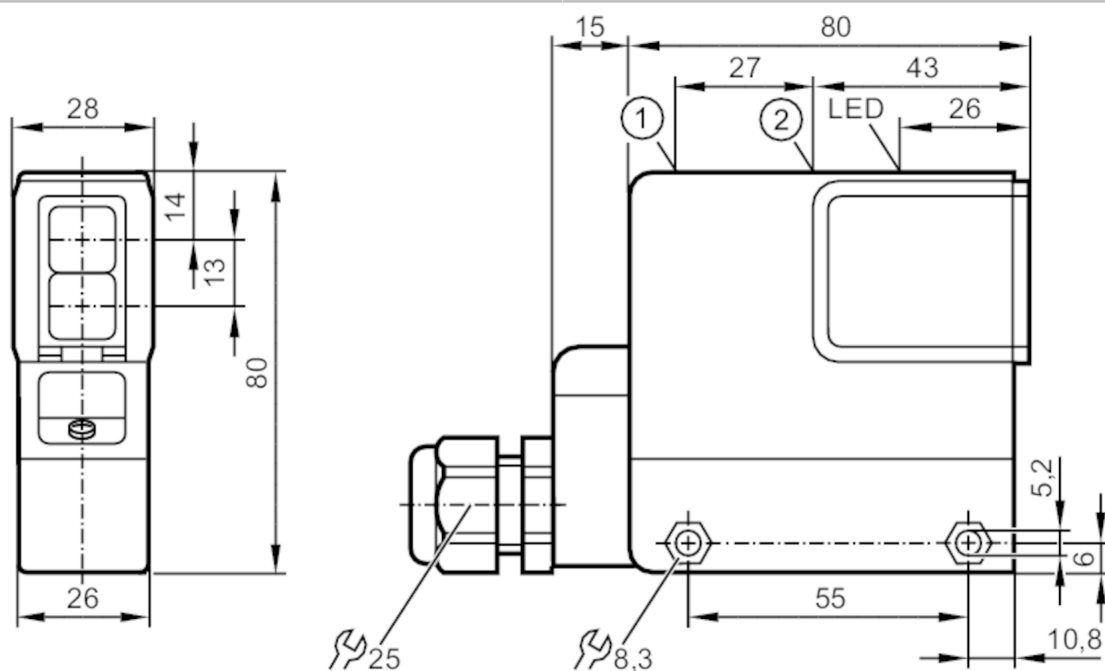


Retro-reflective sensor

OSR-FNKG/T

Article no longer available - archive entry



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

Product characteristics

Type of light	infrared light
Housing	rectangular

Application

Function principle	Retro-reflective 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]	950

Outputs

Electrical design		NPN
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]	40
Short-circuit protection		yes
Type of short-circuit protection		pulsed



Retro-reflective sensor

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Overload protection	yes	
Time function	[s]	0.01...5
Detection zone		
Range	[m]	< 10; (Prismatic reflector Ø 80 E20005)
Range adjustable	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
Accessories		
Items supplied	Angle bracket	
	screwdrivers	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
terminals: ...1.5 mm²		
Connection		

