

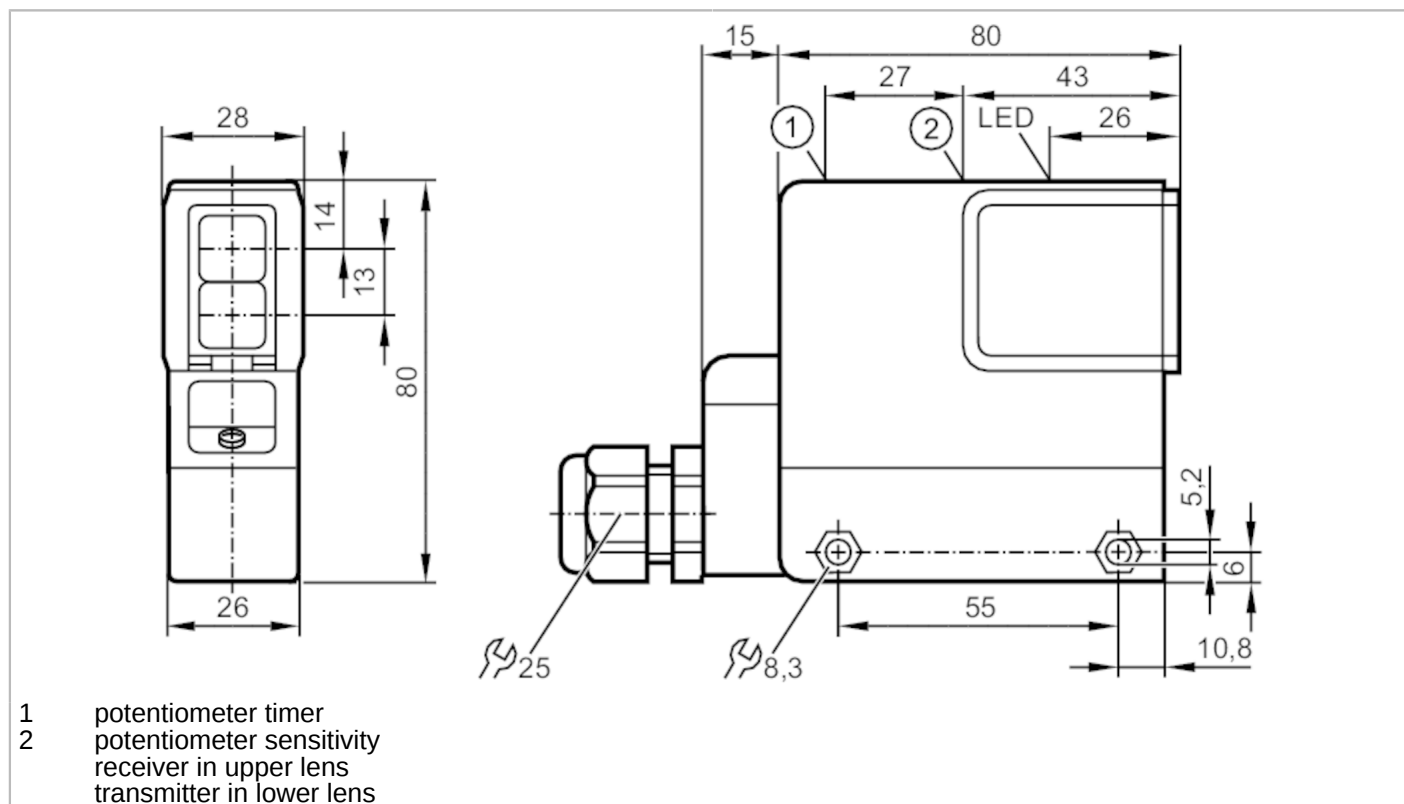
# OS5026



## Retro-reflective sensor

OSR-FNKG/T

Article no longer available - archive entry



### 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

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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
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.

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### Electrical connection

terminals: ...1.5 mm<sup>2</sup>

### Connection

