



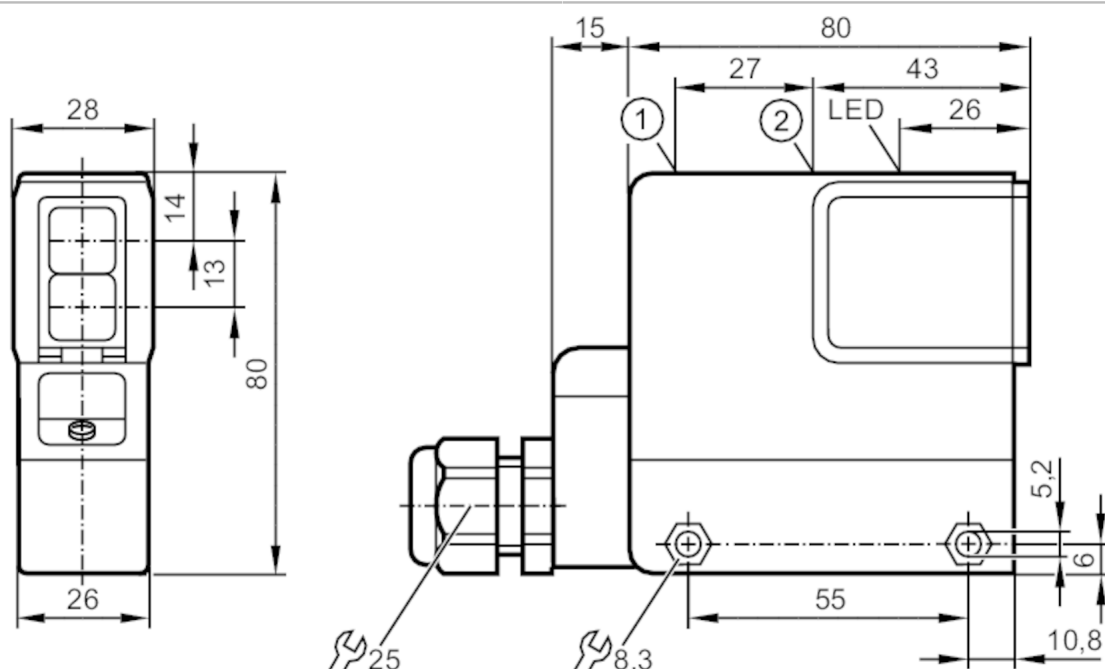
Retro-reflective sensor

OSR-FNKG

Article no longer available - archive entry

Alternative articles: OA5104

When selecting an alternative article and accessories please note that technical data may differ!



- 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
--------------------	-------------------------

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; (configurable)
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



Retro-reflective sensor

OSR-FNKG

Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

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
-----	--------------

Mechanical data

Housing	rectangular
Dimensions [mm]	80 x 28 x 95
Material	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; Cable sheath: Ø 7...13 mm

Connection

