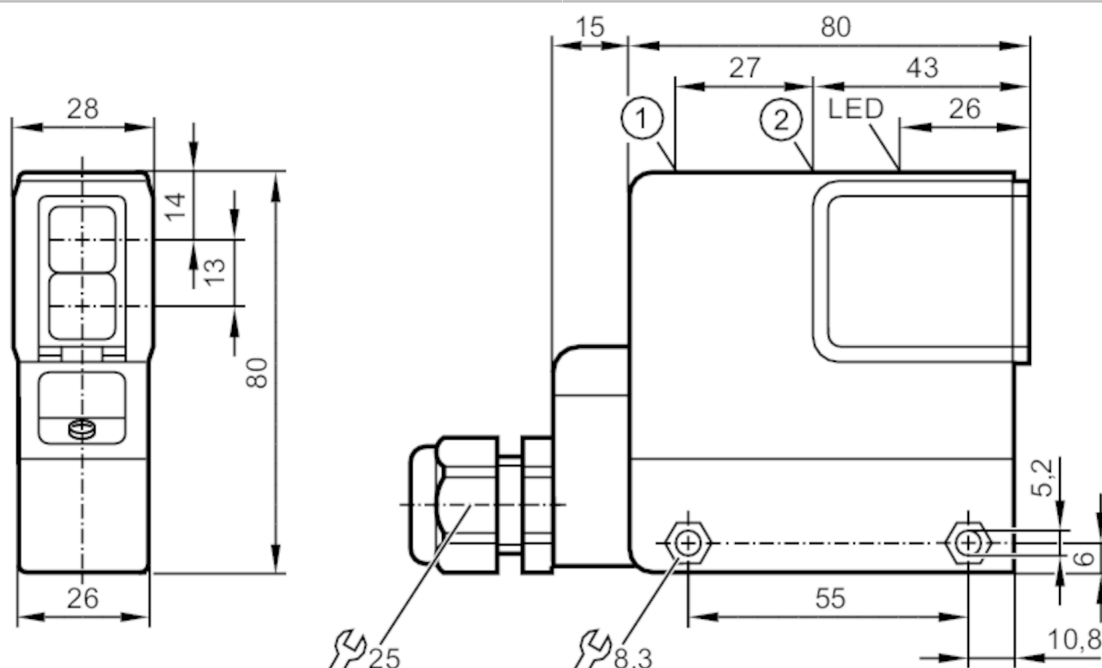




Through-beam sensor receiver

OSE-FNKG

Article no longer available - archive entry



- 1 potentiometer timer
2 potentiometer sensitivity
Receiver in upper lens

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	20; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	880

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



Through-beam sensor receiver

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Monitoring range		
Transmitter / receiver		receiver
Range [m]		< 20
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 mm ²		
Connection		

