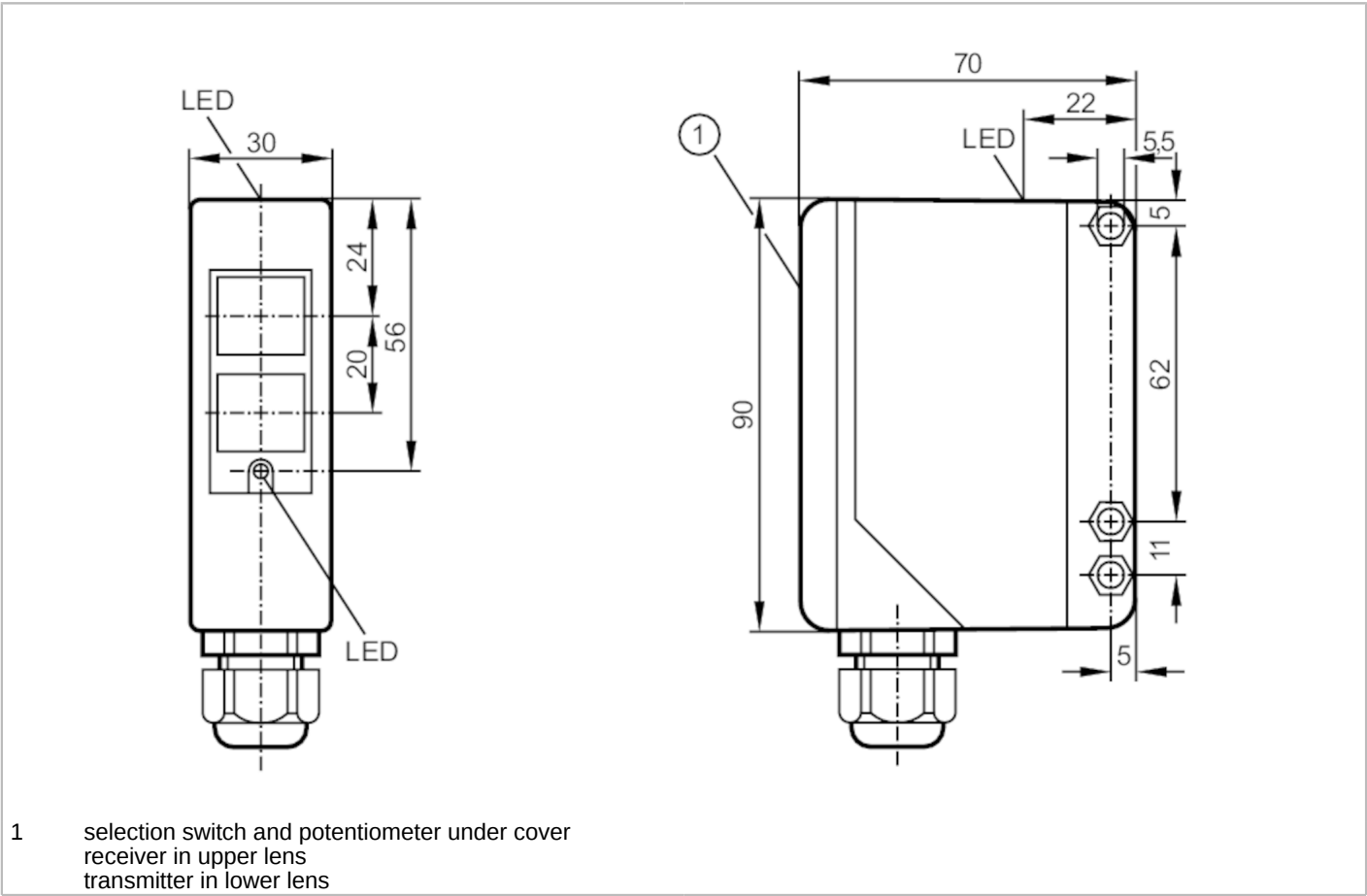




Diffuse reflection sensor

OAT-FCKG/T



Product characteristics		
Type of light		infrared light
Housing		rectangular
Application		
Special feature		Function check output
Function principle		Diffuse reflection sensor
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 50
Protection class		II
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	875
Outputs		
Electrical design		PNP/NPN
Output function		light-on/dark-on mode; (programmable)
Function check output		yes
Max. current load for function check output	[mA]	10



Diffuse reflection sensor

OAT-FCKG/T

Permanent current rating of switching output DC	[mA]	250
Max. current load in dual output mode	[mA]	100
Switching frequency DC	[Hz]	300
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Time function	[s]	0.5...10

Detection zone

Range	[mm]	5...2750; (white paper 300 x 300 mm)
Range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[ANN]	357

Mechanical data

Weight	[g]	291
Housing		rectangular
Dimensions	[mm]	90 x 30 x 70
Materials		PPO modified
Lens material		PMMA
Lens alignment		side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Operating elements		on-delay or off-delay selectable via slide switch

Аксессуары

Items supplied	Angle bracket: 1, E20514
	screwdrivers

Remarks

Pack quantity	1 pcs.
---------------	--------

OA5209



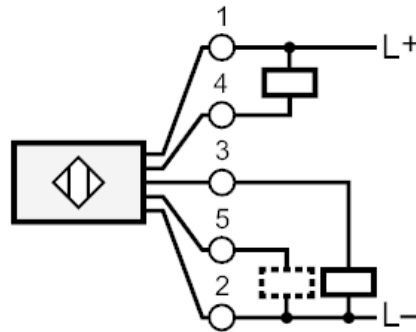
Diffuse reflection sensor

OAT-FCKG/T

Electrical connection

terminals: ...1.5 mm²; Cable gland: M16 X 1.5

Connection



5 Function check output