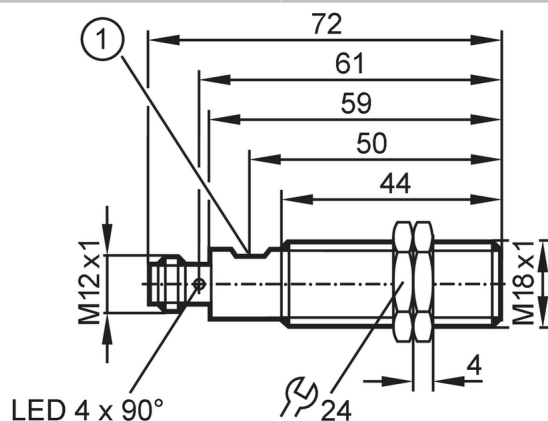


OGT200



Diffuse reflection sensor

OGT-HPKG/US100



1 potentiometer



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Function principle	Diffuse reflection sensor
Application	Industrial applications

Electrical data

Operating voltage	[V]	10...36 DC; (cULus - Class 2 source required)
Current consumption	[mA]	20
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624

Outputs

Electrical design		PNP
Output function		light-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	800
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[mm]	2...600; (white paper 200 x 200 mm 90 % remission)
Setting range	[mm]	150...600
Range adjustable		yes
Max. light spot diameter	[mm]	50
Light spot dimensions refer to		at maximum range

OGT200



Diffuse reflection sensor

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Operating conditions

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

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	428

Mechanical data

Weight	[g]	53.6
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Material		housing: stainless steel (1.4404 / 316L); operator interface: TPE
Lens material		front lens:PMMA

Displays / operating elements

Display	Switching status	1 x LED, yellow
Operating elements		potentiometer

Accessories

Items supplied		lock nuts: 2
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection

