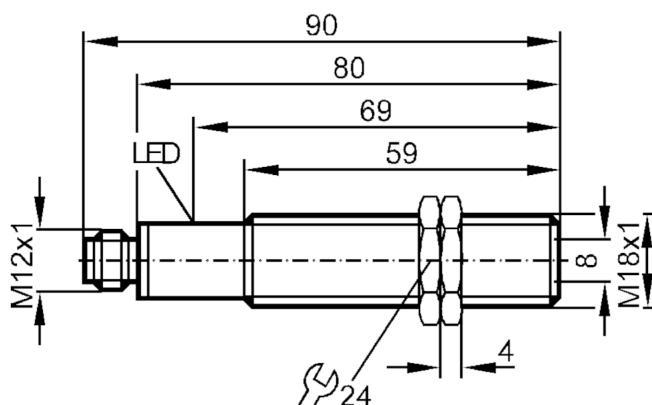


Diffuse reflection sensor

OGT-HPKG/US-100-DPS



Application

Function principle	Diffuse reflection sensor
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Electrical data

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

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]	250
Switching frequency DC	[Hz]	160
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range	[mm]	< 100; (white paper 200 x 200 mm)
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OG5029



Diffuse reflection sensor

OGT-HPKG/US-100-DPS

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

Tests / approvals

EMC		EN 60947-5-2	
		EN 55011	class B
MTTF	[years]	826	

Mechanical data

Weight	[g]	81.8
Housing		threaded type
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		brass nickel-plated
Lens material		glass

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	lock nuts: 2 x
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12



Connection

