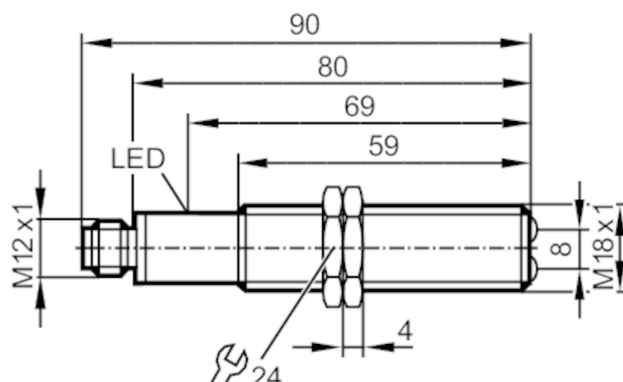




Retro-reflective sensor

OGR-DPKG/US-100-DPS



Application

Function principle	Retro-reflective 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	dark-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 referred to prismatic reflector [m]	3; (Prismatic reflector Ø 80 E20005)
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Operating conditions

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

Tests / approvals

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



Retro-reflective sensor

OGR-DPKG/US-100-DPS

Mechanical data

Weight	[g]	84.6
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Materials		brass nickel-plated
Lens material		PMMA

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

