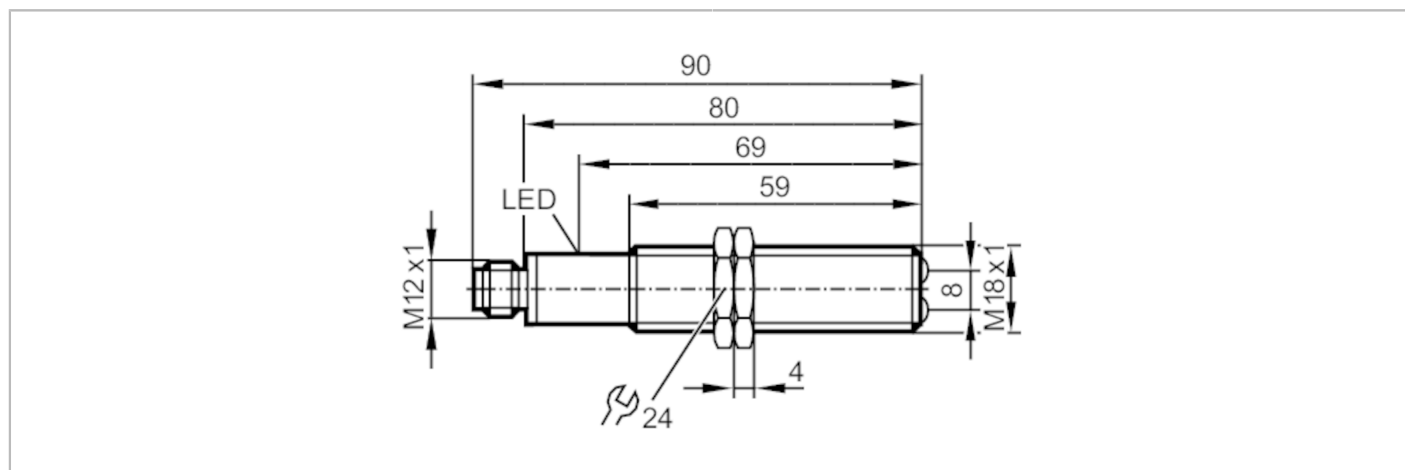


OG5027



Retro-reflective sensor

OGR-DPKG/US-100-DPS



Application	
Function principle	Retro-reflective sensor
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)
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
	EN 55011
MTTF [years]	826
	class B

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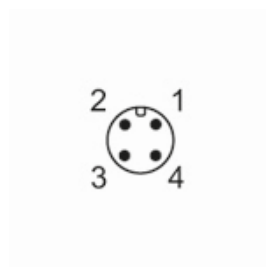
Retro-reflective sensor

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
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12



Connection

