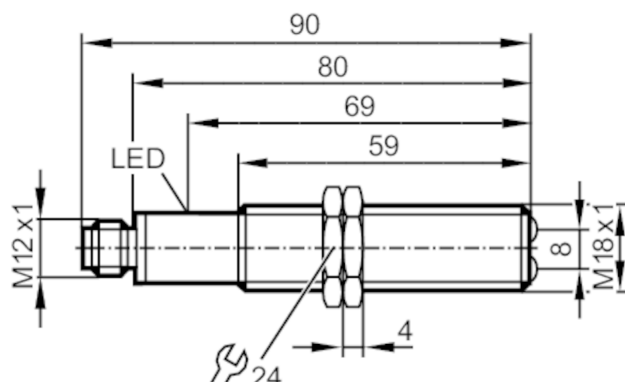




Retro-reflective sensor

OGR-DPKG/US-100-DPS



Product characteristics

Type of light	Infrared light
Housing	Threaded type

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	yes (non-latching)
Overload protection	yes

Monitoring range

Range referred to prismatic reflector [m]	3; (Prismatic reflector Ø 80 E20005)
---	--------------------------------------

Operating conditions

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

OG5027



Retro-reflective sensor

OGR-DPKG/US-100-DPS

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

Mechanical data		
Weight	[g]	76.9
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Material		brass nickel-plated
Lens material		PMMA

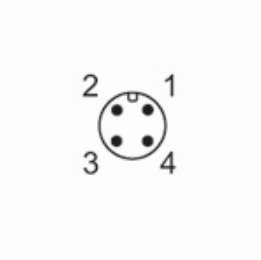
Displays / operating elements		
Display	Switching status	1 x LED, yellow

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection

