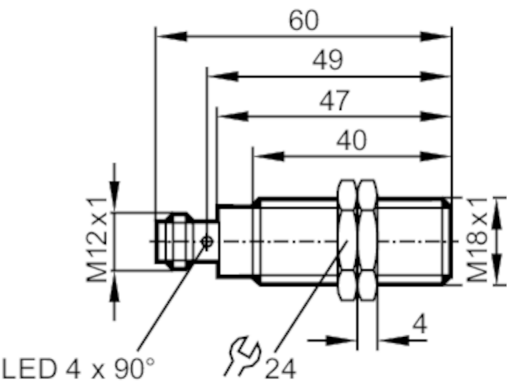




Retro-reflective sensor

OGP-HPKG/US100



Product characteristics		
Type of light		red light
Housing		threaded type
Application		
Special feature		polarisation filter
Function principle		Retro-reflective sensor
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15
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]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Range referred to prismatic reflector	[m]	0.03...4; (Prismatic reflector Ø 80 E20005)
Range adjustable		no
Max. light spot diameter	[mm]	160
Light spot dimensions refer to		at maximum range



Retro-reflective sensor

OGP-HPKG/US100

Polarisation filter available	yes
-------------------------------	-----

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[ANN]	500

Mechanical data

Weight	[g]	50.1
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 60
Thread designation		M18 x 1
Materials		housing: stainless steel (1.4404 / 316L)
Lens material		PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

Аксессуары

Items supplied	lock nuts: 2
----------------	--------------

Remarks

Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection

