



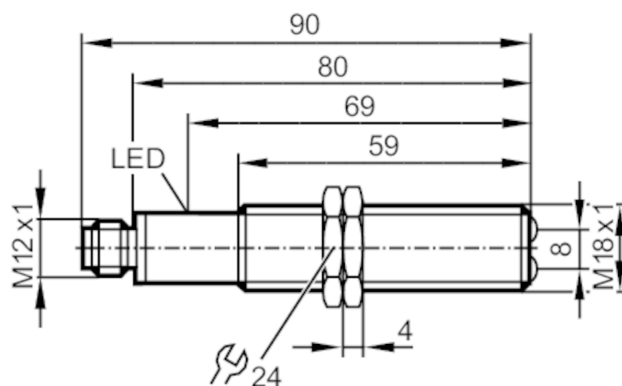
Retro-reflective sensor

OGR-HPKG/US-100-DPO

Article no longer available - archive entry

Alternative articles: OG5086

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Type of light	Infrared light
Housing	Threaded type

Application

Function principle	Retro-reflective sensor
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Electrical data

Operating voltage	[V]	10...50 DC
Current consumption	[mA]	16; ((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		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[m]	< 3; (Prismatic reflector Ø 80 E20005)
Range referred to prismatic reflector	[m]	0.1...3; (Prismatic reflector Ø 80 E20005)

OG5031



Retro-reflective sensor

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Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Material		brass nickel-plated
Lens material		glass

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

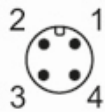
Items supplied		lock nuts: 2
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

