

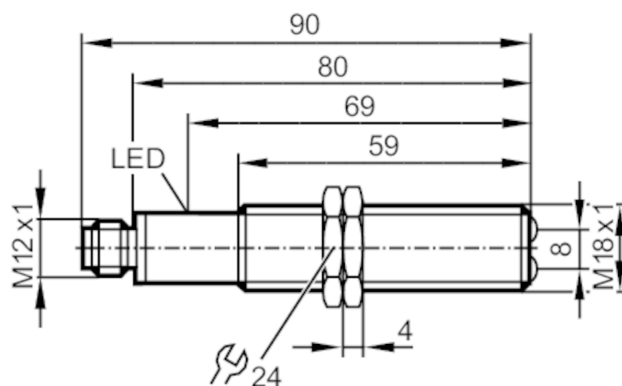
Retro-reflective sensor

OGR-HNKG/US-100-DNO

Article no longer available - archive entry

Alternative articles: OG5047

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



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Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 80
Thread designation		M18 x 1
Materials		brass nickel-plated
Lens material		glass
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

