

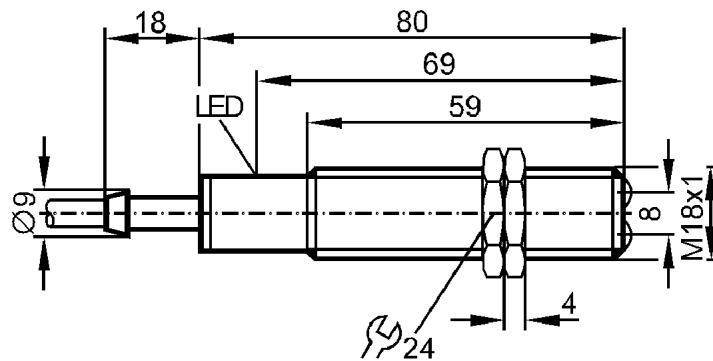
Retro-reflective sensor

OGR-HBOA/90-250V

Article no longer available - archive entry

Alternative articles: OG0043

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

Frequency AC	[Hz]	47...63
Operating voltage	[V]	90...250 AC/DC
Protection class		II
Type of light		infrared light
Wave length	[nm]	880

Outputs

Output function		light-on mode
Max. voltage drop switching output DC	[V]	9.5
Max. voltage drop switching output AC	[V]	9.5
Minimum load current	[mA]	10
Max. leakage current	[mA]	5
Permanent current rating of switching output AC	[mA]	200; (250 (...50 °C))
Permanent current rating of switching output DC	[mA]	50

OG0012



Retro-reflective sensor

OGR-HBOA/90-250V

Short-time current rating of switching output	[mA]	900; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	70
Short-circuit protection		no
Overload protection		no

Detection zone

Range	[m]	< 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	
	EN 55011	class B

Mechanical data

Housing		threaded type
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		housing: brass nickel-plated
Lens material		front pane: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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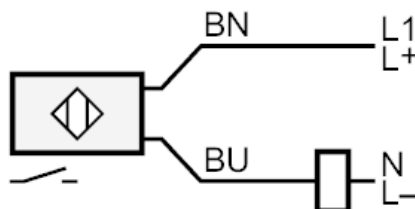
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



Core colours :
BN = brown
BU = blue