OG0011

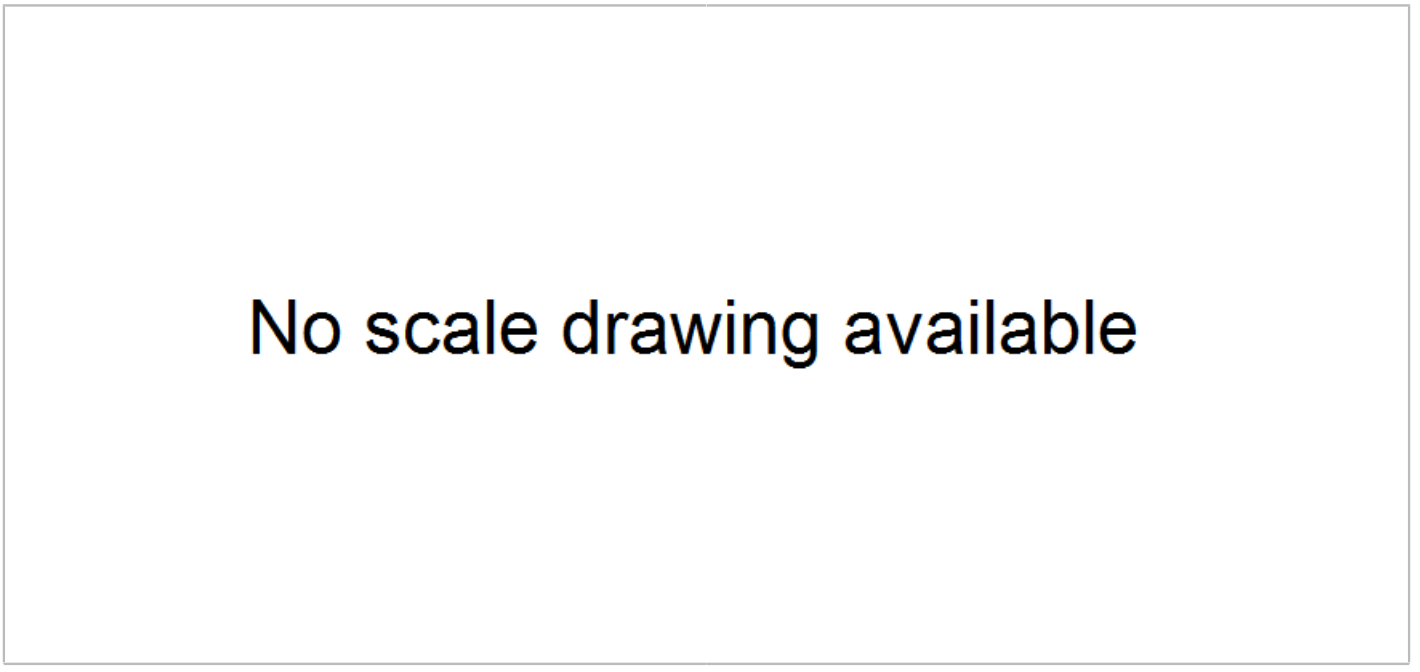
Retro-reflective sensor

OGR-DBOA/90-250V

Article no longer available - archive entry

Alternative articles: OG0032

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
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		dark-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
Short-time current rating of switching output	[mA]	900; (10 ms / 0,5 Hz)

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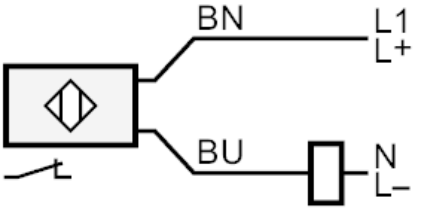
Switching frequency AC	[Hz]	25	
Switching frequency DC	[Hz]	70	
Short-circuit protection		no	
Overload protection		no	
Detection zone			
Range	[m]	< 3; (Prismatic reflector Ø 80 E20005)	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		threaded type	
Dimensions	[mm]	M18 x 1	
Thread designation		M18 x 1	
Materials		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			

Cable: 2 m, PVC; 2 x 0.5 mm²

Connection



Core colours :
BN = brown
BU = blue