IG5895

Inductive sensor

IGB2012-AROG/UP/2LED/2M/XS

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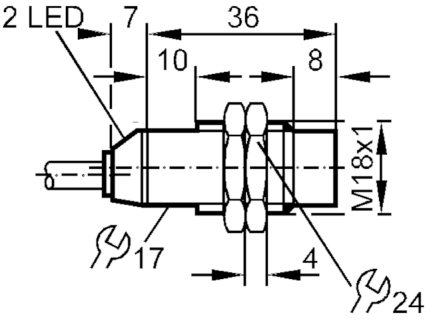

CE

Product characteristics		
Electrical design		PNP/NPN
Output function		normally open
Sensing range	[mm]	12
Housing		threaded type
Dimensions	[mm]	M18 x 1
Application		
Special feature		Increased sensing range; Optical setting aid
Electrical data		
Operating voltage	[V]	10...36 DC
Protection class		II
Reverse polarity protection		no
Outputs		
Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		no
Overload protection		no
Detection zone		
Sensing range	[mm]	12
Increased sensing range		yes
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67

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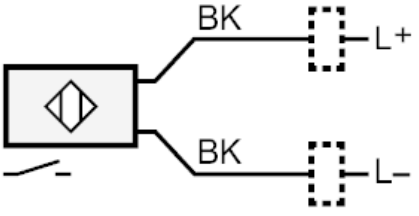
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		threaded type	
Mounting		non-flush mountable	
Dimensions	[mm]	M18 x 1	
Thread designation		M18 x 1	
Materials		brass white bronze coated; CO-PC	
Displays / operating elements			
Display		switching status	1 x LED, red
		switching status	1 x LED, green
Optical setting aid		yes	
Accessories			
Items supplied		lock nuts: 2	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Cable: 2 m, PVC; suited for robots and drag chains; 2 x 0.3 mm²

Connection



	Core colours :
BK =	black