

MG5002



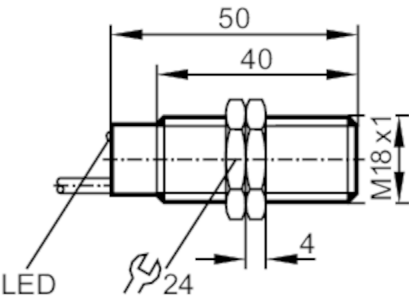
Magnetic sensor

MGA3070-BPKG

Article no longer available - archive entry

Alternative articles: MGS201

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



Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	70; (referred to magnet M 4.0)
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 50
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 10
Reverse polarity protection		yes
Max. power-on delay time	[ms]	2
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	300
Switching frequency DC	[Hz]	5000
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes
Monitoring range		
Sensing range	[mm]	70; (referred to magnet M 4.0)
Accuracy / deviations		
Hysteresis	[% of Sr]	1...10
Repeatability	[% of Sr]	1

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Operating conditions

Ambient temperature	[°C]	-25...75
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
Shock/vibration resistance		30 g (11 ms) / 10-55 Hz (1 mm)

Mechanical data

Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 50
Thread designation		M18 x 1
Material		brass nickel-plated; sensing face: plastics

Displays / operating elements

Display	Switching status	1 x LED, yellow
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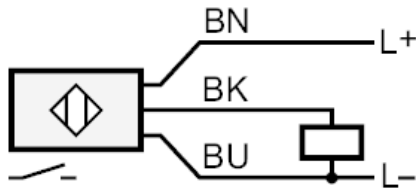
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PUR / PVC; 3 x 0.25 mm²

Connection



BN = Core colors : brown
BU = blue
BK = black