

MF5003

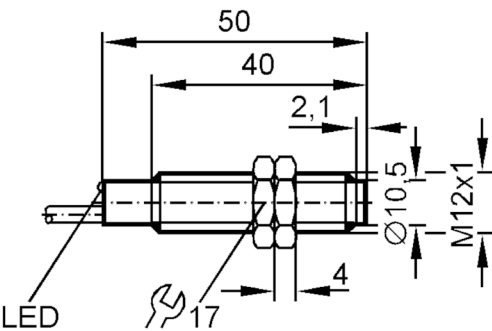


Magnetic sensor

MFA3060-ANKG

Article no longer available - archive entry

Alternative articles: MFS202
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Electrical design		NPN
Output function		normally open
Sensing range	[mm]	60; (referred to magnet M 4.0)
Housing		threaded type
Dimensions	[mm]	M12 x 1
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		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	2
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	5000
Short-circuit protection		yes

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Magnetic sensor

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Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range	[mm]	60; (referred to magnet M 4.0)
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Accuracy / deviations

Hysteresis	[% of Sr]	1...10
Repeatability	[% of Sr]	1

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]	M12 x 1
Thread designation		M12 x 1
Materials		brass nickel-plated; plastics

Displays / operating elements

Display	switching status	1 x LED, yellow
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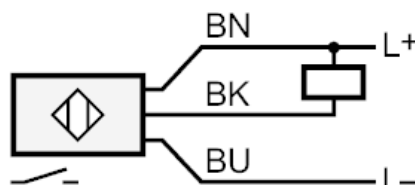
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PUR / PVC; 3 x 0.25 mm²

Connection



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