

MF5003



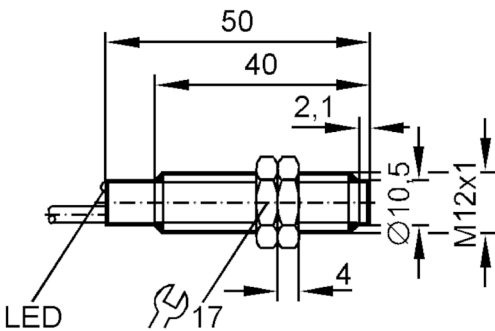
Magnetic sensor

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

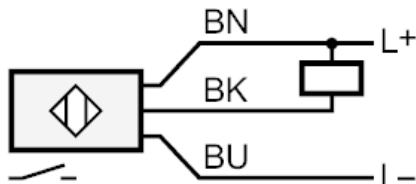
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Magnetic sensor

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Type of short-circuit protection	yes (non-latching)	
Overload protection	yes	
Monitoring range		
Sensing range	[mm]	60; (referred to magnet M 4.0)
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	
Material	brass nickel-plated; plastics	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR / PVC; 3 x 0.25 mm²		
Connection		



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