

ME5001



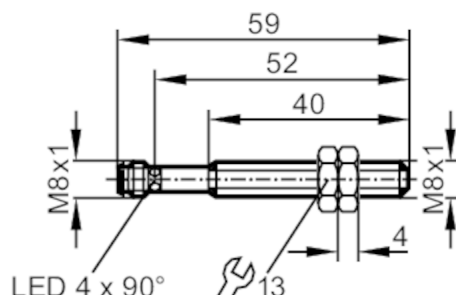
Magnetic sensor

MEA3060-BPKG/AS-514-TPS

Article no longer available - archive entry

Alternative articles: ME5010

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]	60; (referred to magnet M 4.0)
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 59

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	pulsed
Overload protection	yes

Detection zone

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

Hysteresis [X01]	1...10
Repeatability [X01]	1



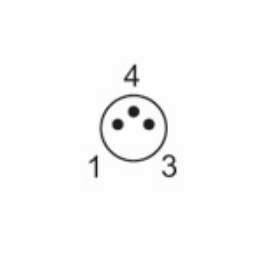
Magnetic sensor

MEA3060-BPKG/AS-514-TPS

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]	M8 x 1 / L = 59
Thread designation		M8 x 1
Materials		brass nickel-plated; sensing face: plastics
Displays / operating elements		
Display	switching status	4 x LED, yellow
Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x M8; coding: A



Connection

