

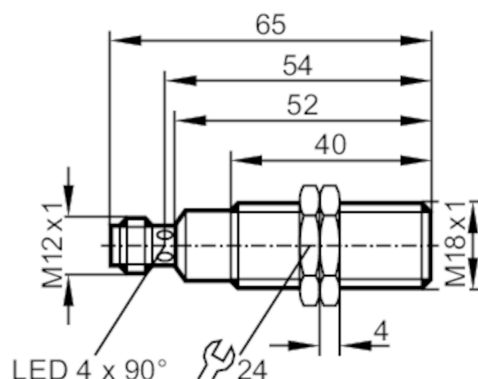
MG5001



Magnetic sensor

MGA3070-BPKG/US-104-DPS

Article no longer available - archive entry



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 = 65

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]	70; (referred to magnet M 4.0)
--------------------	--------------------------------

Accuracy / deviations

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

MG5001



Magnetic sensor

MGA3070-BPKG/US-104-DPS

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 = 65
Thread designation		M18 x 1
Materials		brass nickel-plated; sensing face: plastics

Displays / operating elements

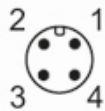
Display	switching status	4 x LED, yellow
---------	------------------	-----------------

Remarks

Pack quantity		1 pcs.
---------------	--	--------

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

