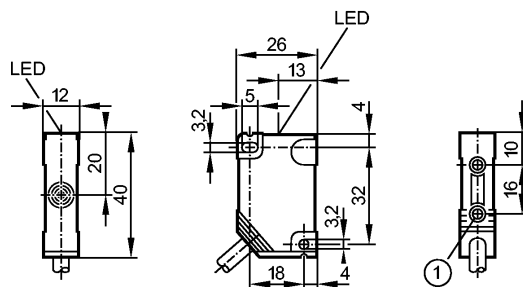


MN5200

MN-3060-BPKG/0.15M/AS

Magnetic sensors, cylinder sensors



1: threaded insert M3, depth 5.8 mm, max. tightening torque 1.2 Nm (screw fixing class 8.8) when brass insert in contact with counterpart.

Made in Germany



Product characteristics

Magnetic sensor

Rectangular, plastics

Cable with connector

Sensing range 60 mm; referred to magnet M4.0

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	< 10
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	normally open
Voltage drop [V]	< 2.5
Current rating [mA]	200
Short-circuit protection	pulsed
Overload protection	yes

Range

Sensing range [mm]	60, referred to magnet M4.0
--------------------	-----------------------------

Accuracy / deviations

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

Environment

Ambient temperature [°C]	-40...75
Protection	IP 67

Tests / approvals

EMC	<p>EN 61000-4-2 ESD: 4 kV CD / 8 kV AD</p> <p>EN 61000-4-3 HF radiated: 10 V/m (80...2000 MHz)</p> <p>EN 61000-4-4 Burst: 2 kV</p> <p>EN 61000-4-5 Surge: 0.5 kV (line to line, Ri: 20hm)</p> <p>EN 61000-4-6 HF conducted: 10 V (0.15...80 MHz)</p> <p>EN 55011: class B</p> <p>Noise interference according to DIN ISO 11452-2: 100 V/m</p>
-----	---

MTTF [Years]	1961
--------------	------

Mechanical data

Housing materials	housing: PBT
-------------------	--------------

MN5200

MN-3060-BPKG/0.15M/AS

Magnetic sensors, cylinder sensors

Weight	[kg]	0.03
--------	------	------

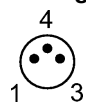
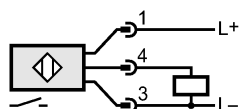
Displays / operating elements

Output status indication	LED	yellow
--------------------------	-----	--------

Electrical connection

Connection	PUR cable / 0.15 m; 3 x 0.34 mm ² ; with M8 connector, with turnable coupling ring
------------	---

Wiring



Remarks

Pack quantity	[piece]	1
---------------	---------	---