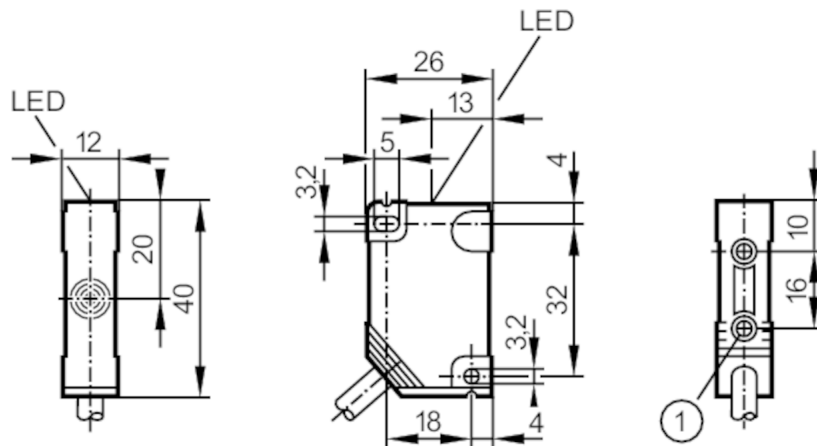


MN5200



Magnetic sensor

MN-3060-BPKG/0,15M/AS



- 1 threaded bush M3 Depth 5.8 mm
Tightening torque maximum 1.2 Nm screw fixing class 8.8
when brass insert in contact with counterpart



Electrical data

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

Outputs

Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
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	[% of Sr]	1...10
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Operating conditions

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

MN5200



Magnetic sensor

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Tests / approvals

EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-5 Surge	0,5 kV line to line, Ri: 2 Ohm
	EN 61000-4-6 HF conducted	10 V
	EN 55011	class B
	noise immunity according to DIN ISO 11452-2	100 V/m
MTTF	[years]	1961

Mechanical data

Weight	[g]	29.8
Housing		rectangular
Dimensions	[mm]	40 x 12 x 26
Materials		housing: PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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Electrical connection

Connection	plug
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.15 m, PUR; 3 x 0.34 mm²

Connector: 1 x M8; Locking: knurled nut, rotatable



MN5200

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Connection

