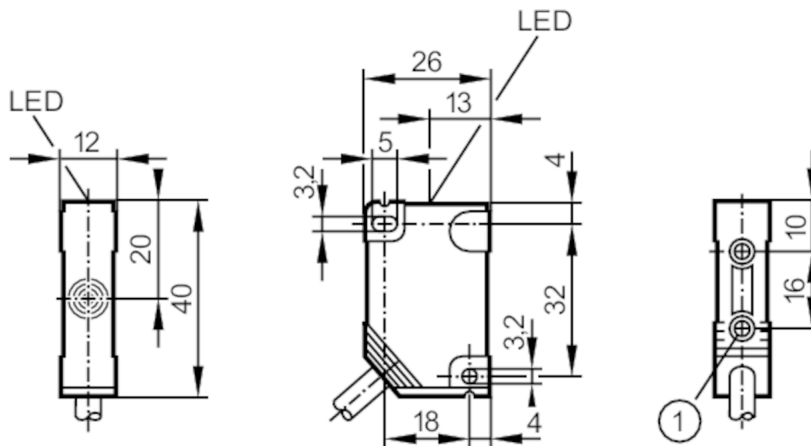


MN5200



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



Product characteristics	
Electrical design	PNP
Output function	normally open
Sensing range [mm]	60; (referred to magnet M 4.0)
Housing	rectangular
Dimensions [mm]	40 x 12 x 26
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)
Accuracy / deviations	
Hysteresis [% of Sr]	1...10

MN5200



Magnetic sensor

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

Operating conditions

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

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

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

Remarks

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

Electrical connection - plug

Cable: 0.15 m, PUR; 3 x 0.34 mm²

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



MN5200

Magnetic sensor

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



Connection

