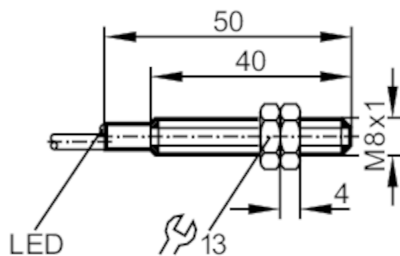


ME5011

Magnetic sensor

MEB3060-BPKG/PH



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 = 50

Electrical data

Operating voltage [V]	10...30 DC; ("supply class 2" to cULus)
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
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)
Response sensitivity [mT]	1.2

Accuracy / deviations

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

Operating conditions

Ambient temperature [°C]	-25...75
Protection	IP 67



Magnetic sensor

MEB3060-BPKG/PH

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
MTTF	[years]	3052

Mechanical data

Weight	[g]	71
Housing		threaded type
Dimensions	[mm]	M8 x 1 / L = 50
Thread designation		M8 x 1
Materials		housing: stainless steel (316L/1.4404); sensing face: PBT orange

Displays / operating elements

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

Accessories

Items supplied	lock nuts: 2
----------------	--------------

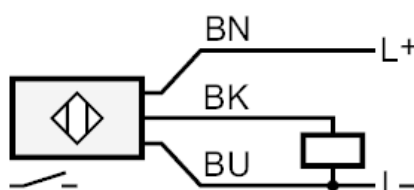
Remarks

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

Electrical connection

Cable: 2 m, PUR / PVC; 3 x 0.14 mm²

Connection



Core colours :

BK = black

BN = brown

BU = blue