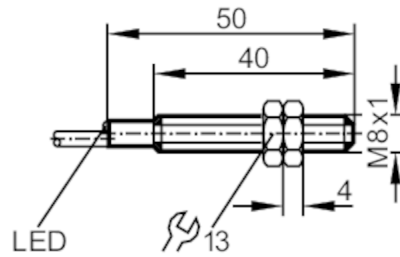


ME5011



Magnetic sensor

MEB3060-BPKG/PH



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
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
MTTF	EN 55011	class B
	[years]	3052

ME5011



Magnetic sensor

MEB3060-BPKG/PH

Mechanical data	
Weight [g]	68.2
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 50
Thread designation	M8 x 1
Materials	housing: stainless steel (1.4404 / 316L); sensing face: PBT orange

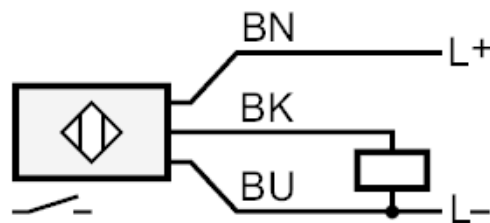
Displays / operating elements		
Display	switching status	1 x LED, yellow

Accessories	
Accessories (supplied)	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PUR / PVC; 3 x 0.14 mm ²	

Connection



Core colours :

- BK = black
- BN = brown
- BU = blue