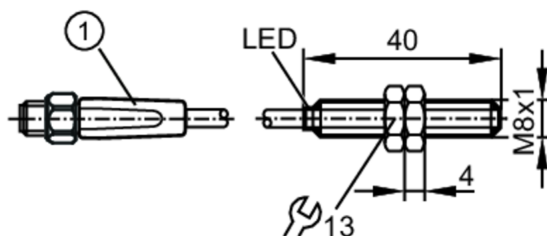


Magnetic sensor

MEB3060-ANKG/0,3M/PH/AS



1 illustration (example)



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	60; (referred to magnet M 4.0)
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 40

Electrical data

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

Outputs

Electrical design	NPN
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
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]	-25...75
Protection	IP 67



Magnetic sensor

MEB3060-ANKG/0,3M/PH/AS

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 61000-4-6 HF conducted	10 V
	EN 55011	class B

Mechanical data

Weight	[g]	28.2
Housing		threaded type
Dimensions	[mm]	M8 x 1 / L = 40
Thread designation		M8 x 1
Materials		housing: stainless steel (1.4404 / 316L); sensing face: PBT orange; end cap: PA; lock nuts: brass

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.3 m, PUR

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



Connection

