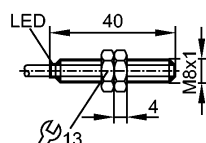


ME5015

MEB3060-ANKG/PH

Magnetic sensors, cylinder sensors



Made in Germany

Product characteristics

Magnetic sensor

Metal thread M8 x 1

Cable

Sensing range 60 mm; referred to magnet M4.0

Electrical data

Electrical design DC NPN

Operating voltage [V] 10...30 DC

Current consumption [mA] < 10

Protection class III

Reverse polarity protection yes

Outputs

Output function normally open

Voltage drop [V] < 2.5

Current rating [mA] 200

Short-circuit protection yes

Overload protection yes

Switching frequency [Hz] 5000

Range

Sensing range [mm] 60, referred to magnet M4.0

Accuracy / deviations

Hysteresis [% of Sr] 1...10

Environment

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 (80...1000 MHz)
	EN 61000-4-4 Burst:	2 kV
	EN 61000-4-6 HF conducted:	10 V (0.15...80 MHz)
	EN 55011:	class B

MTTF [Years] 2028

Mechanical data

Housing materials housing: stainless steel (316L); active face: PBT orange; end cap: PA (polyamide); lock nuts: Brass

Weight [kg] 0.067

Displays / operating elements

Output status indication LED yellow

Electrical connection

Connection PUR / PVC cable / 2 m; 3 x 0.14 mm²

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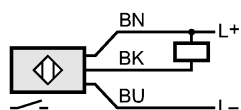
Wiring

Core colours

BK black

BN brown

BU blue



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1