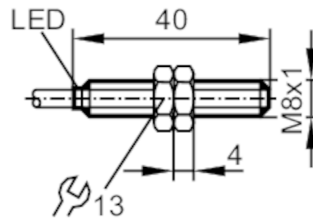


ME5015



Magnetic sensor

MEB3060-ANKG/PH



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

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
MTTF	[years]	2028

ME5015



Magnetic sensor

MEB3060-ANKG/PH

Mechanical data	
Weight [g]	67
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

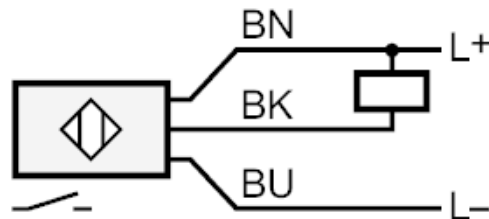
Displays / operating elements		
Display	switching status	1 x LED, yellow

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