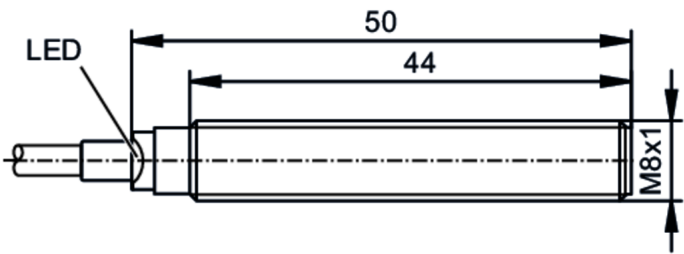


ME5015



Magnetic sensor

MEK3060-ANKG/AM/G/ZH



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 = 50

Electrical data

Operating voltage [V]	10...30 DC; (cULus - Class 2 source required)
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
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Sensing range [mm]	60; (referred to magnet M 4.0)
Magnetic sensitivity [mT]	1.2

Accuracy / deviations

Hysteresis [% of Sr]	1...10
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Operating conditions

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

ME5015



Magnetic sensor

MEK3060-ANKG/AM/G/ZH

Tests / approvals		
EMC	EN 61000-4-2	4 kV CD / 8 kV AD
	EN 61000-4-3	10 V/m
	EN 61000-4-4	2 kV
	EN 61000-4-5	0,5 kV line to line, Ri: 2 Ohm
	EN 61000-4-6	10 V
	EN 55011	class B
MTTF	[years]	1448
UL approval	Ta	-25...60 °C
	Enclosure type	Type 1
	UL approval number	C022
	File number UL	E174191

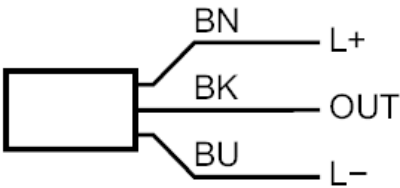
Mechanical data		
Weight	[g]	41.7
Housing		Threaded type
Dimensions	[mm]	M8 x 1 / L = 50
Thread designation		M8 x 1
Material		housing, sensing face: stainless steel (1.4404 / 316L); lock nut: brass

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; 3 x 0.14 mm²		
Connection		



BN :	brown
BK:	black
BU:	blue

BN:	L+
BK:	OUT DO (NO)
BU:	L-