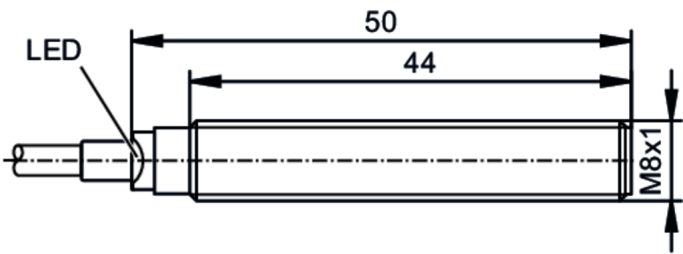


ME5016



Magnetic sensor

MEK3060-ANKG/AM/G/5,0M/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
Operating conditions		
Ambient temperature	[°C]	-25...75
Protection		IP 67

ME5016



Magnetic sensor

MEK3060-ANKG/AM/G/5,0M/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

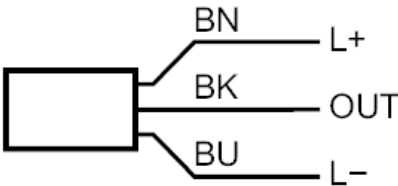
Mechanical data		
Weight	[g]	75.7
Housing		Threaded type
Dimensions	[mm]	M8 x 1 / L = 50
Thread designation		M8 x 1
Material		housing, sensing face: stainless steel (1.4404 / 316L); lock nut: brass

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

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 5 m, PUR; 3 x 0.14 mm²		
Connection		



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