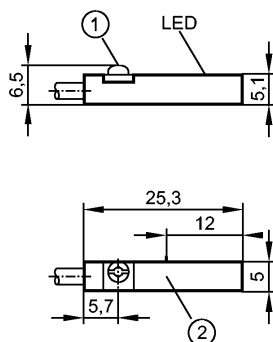


**MK5158**

MKT3020BBPKG/A/-H

Magnetic sensors, cylinder sensors



- 1: Fastening clamp  
2: sensing face

Made in Germany


**Product characteristics**

cylinder sensor with AMR cell

Plastic housing for T-slot cylinders

Cable

[f] flush mountable

Magnetic sensitivity 2.0 mT

Travel speed &gt; 10 m/s

**Electrical data**

Electrical design	DC PNP
Operating voltage [V]	10...30 DC; "supply class 2" to cULus.
Current consumption [mA]	< 10
Protection class	III
Reverse polarity protection	yes
Power-on delay time [ms]	< 30

**Outputs**

Output function	normally open
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit protection	yes
Overload protection	yes
Switching frequency [Hz]	6000

**Range**

Magnetic sensitivity [mT]	2.0
Travel speed [m/s]	> 10

**Accuracy / deviations**

Hysteresis [mm]	1.0
Repeatability [mm]	< 0.2

**Environment**

Ambient temperature [°C]	-25...85
Protection	IP 65 / IP 67 / IP 69K

**Tests / approvals**

EMC	EN 61000-4-2 ESD: - CD / 8 kV AD EN 61000-4-3 HF radiated: 10 V/m (80...2000 MHz)
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## MK5158

MKT3020BBPKG/A/-H

Magnetic sensors, cylinder sensors

		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]		2064

### Mechanical data

Mounting		flush mountable
Housing materials		housing: PA (polyamide); Fastening clamp: stainless steel
Weight	[kg]	0.031

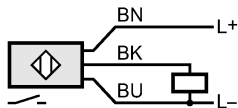
### Displays / operating elements

Output status indication	LED	yellow
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### Electrical connection

Connection		PVC cable / 2 m; 3 x 0.14 mm <sup>2</sup>
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### Wiring



### Accessories

Accessories (included)		rubber placeholder; cable clip
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### Remarks

Remarks		Clamping screw with combined slot/hexagon socket head AF 1.5
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Pack quantity	[piece]	1
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