

**MGT200**

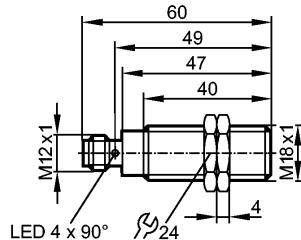
MGK3070-BPKG/M/V4A/US-104-DPS

Magnetic sensors, cylinder sensors

Alternative article: MGT203

Article discontinued as of 31.March 2017

When selecting an alternative article and accessories please note that technical data may differ!

**Product characteristics**

Magnetic sensor

Metal thread M18 x 1

Quick disconnect

Sensing range 70 mm; referred to magnet M4.0

Magnetic sensitivity 0.8 mT

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	< 10
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	normally open
Voltage drop [V]	< 2.5
Current rating [mA]	200
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	5000

Monitoring range

Sensing range [mm]	70, referred to magnet M4.0
Magnetic sensitivity [mT]	0.8

Accuracy / deviations

Hysteresis [% of Sr]	1...10
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Environment

Ambient temperature [°C]	0...100
Protection	IP 68 / IP 69K

Tests / approvals

EMC	EN 61000-4-2 ESD: EN 61000-4-3 HF radiated: EN 61000-4-4 Burst: EN 61000-4-5 Surge: EN 61000-4-6 HF conducted: EN 55011:	4 kV CD / 8 kV AD 10 V/m 2 kV 0.5 kV (line to line, Ri: 2Ohm) 10 V class B
MTTF [Years]	2444	

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Magnetic sensors, cylinder sensors**Mechanical data**

Housing materials	housing: stainless steel (316L); active face: PEEK (polyether ether ketone); lock nuts: stainless steel	
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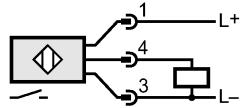
Weight	[kg]	0.054
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Displays / operating elements

Output status indication	LED	yellow
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Electrical connection

Connection	M12 connector; gold-plated contacts	
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Wiring**Accessories**

Accessories (included)	2 lock nuts	
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Remarks

Pack quantity	[piece]	1
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