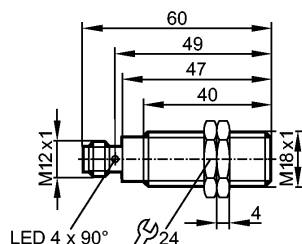


# MGS204

MGK3070-BPKG/AM/G/US

Magnetic sensors, cylinder sensors



Made in Germany



## Product characteristics

Magnetic sensor with GMR cell

Metal thread M18 x 1

Connector

Full metal housing

gold-plated contacts

Sensing range 70 mm; referred to magnet M4.0

Magnetic sensitivity 0.9 mT

## Electrical data

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

## Outputs

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

## Range

Sensing range [mm]	70, referred to magnet M4.0
Magnetic sensitivity [mT]	0.9

## Accuracy / deviations

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

Ambient temperature [°C]	-25...75
Protection	IP 65 / IP 67

## Tests / approvals

EMC	EN 61000-4-2 ESD: 4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated: 100 V/m (80...2000 MHz)
	EN 61000-4-4 Burst: 2 kV
	EN 61000-4-5 Surge: 0.5 kV (line to line, Ri: 20hm)
	EN 61000-4-6 HF conducted: 10 V (0.15...80 MHz)
	EN 55011: class B

## Mechanical data

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Housing materials	housing: stainless steel (316L); active face: stainless steel (316L); connector: PA (polyamide); lock nuts: brass
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Weight	[kg]	0.05
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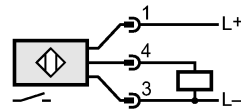
### Displays / operating elements

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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