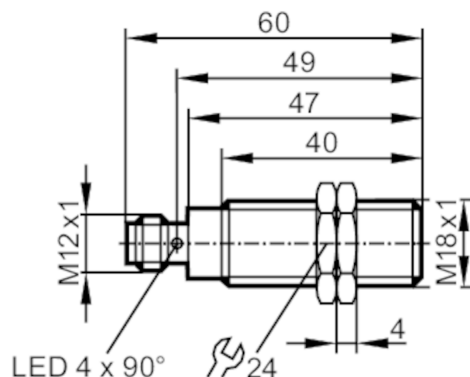


Status Archive

/MGS204



Electrical data

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

Outputs

Electrical design	PNP
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	pulsed
Overload protection	yes

Detection zone

Sensing range	[mm]	70; (referred to magnet M 4.0)
Response sensitivity	[mT]	0.8

Accuracy / deviations

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

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

MGS200



Magnetic sensor

MGK3070-BPKG/M/US-104-DPS

Tests / approvals

EMC		EN 61000-4-2 ESD	4 kV CD / 8 kV AD
		EN 61000-4-3 HF radiated	10 V/m
		EN 61000-4-4 Burst	2 kV
		EN 61000-4-5 Surge	0,5 kV line to line, Ri: 2 Ohm
		EN 61000-4-6 HF conducted	10 V
		EN 55011	class B
MTTF	[years]	2444	

Mechanical data

Weight	[g]	53.8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 60
Thread designation		M18 x 1
Materials		housing: stainless steel; sensing face: PBT orange

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	lock nuts: 2
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Remarks

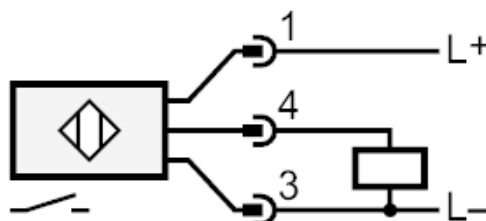
Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; Contacts: gold-plated



Connection



MGs200

Magnetic sensor

MGK3070-BPKG/M/US-104-DPS



/MGs204