

M95004

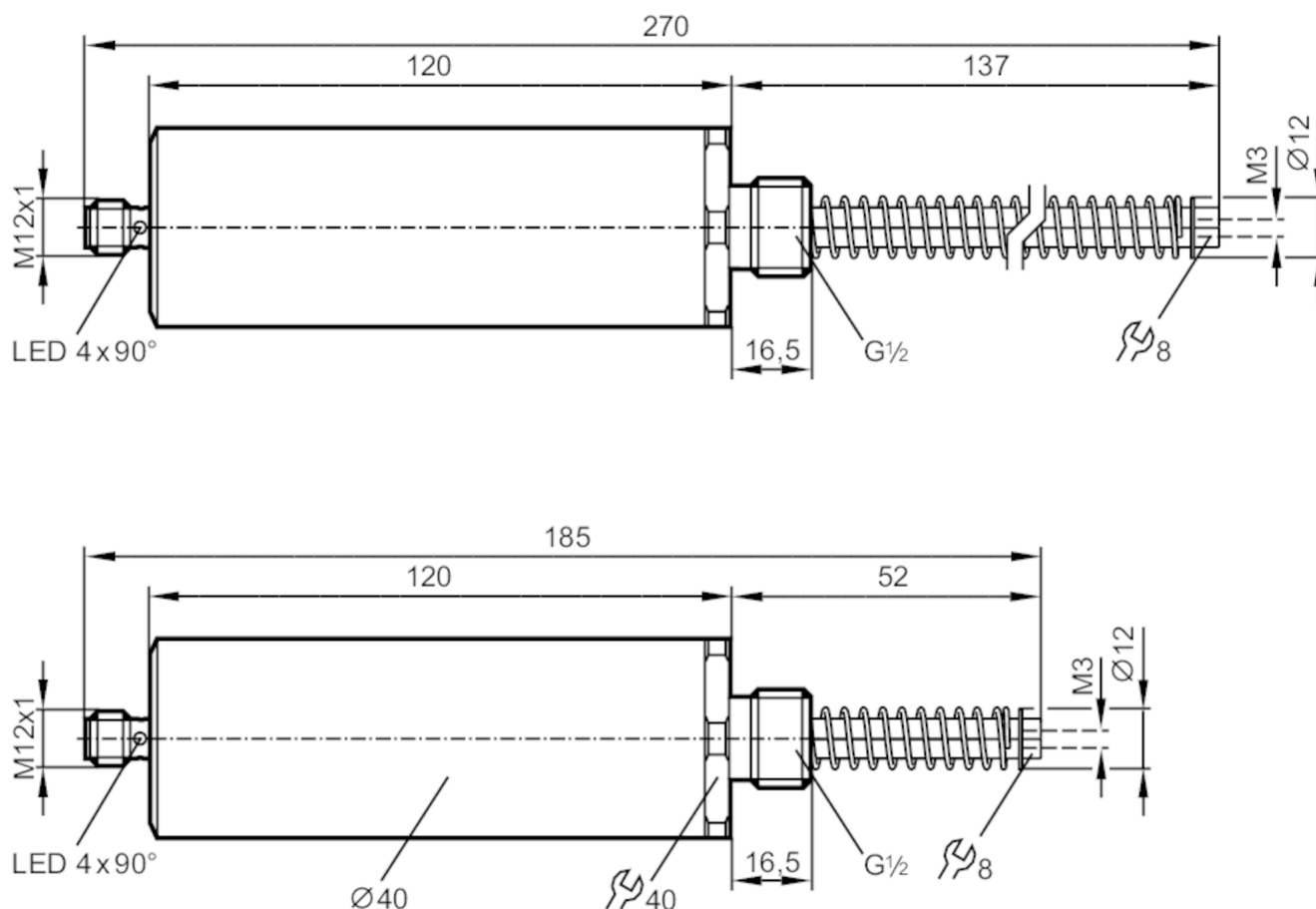


Magnetic sensor with two switch points for brake diagnosis

M9G4085PARKG/A/US

Article no longer available - archive entry

customer-specific type label



Product characteristics

Output function	2 x normally closed / 1 x normally open
Dimensions [mm]	Ø 40

Application

Special feature	Gold-plated contacts
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Electrical data

Operating voltage [V]	10...36 DC; ("supply class 2" to cULus)
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	2 x normally closed / 1 x normally open
Max. voltage drop switching output DC [V]	5.4
Minimum load current [mA]	2



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Max. leakage current	[mA]	0.5
Permanent current rating of switching output DC	[mA]	80
Switching frequency DC	[Hz]	0.5
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Measuring range	[mm]	52...137
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Accuracy / deviations

Hysteresis	[mm]	0.5
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Operating conditions

Ambient temperature	[°C]	-40...70
Protection		IP 20; IP 67; (plunger side: IP 20; connector side: IP 67)

Tests / approvals

EMC	EN 61000-4-2 ESD	4 kV CD / 8 kV AD
	EN 61000-4-3 HF radiated	3 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
	EN 55011 emission	class B
	IEC 60255-5	4 kV line to line, Ri: 500 Ohm
MTTF	[years]	277
UL approval	UL Approval no.	C002

Mechanical data

Weight	[g]	687.6
Dimensions	[mm]	Ø 40
Materials		brass white bronze coated; plunger: stainless steel; LED window: PA
Tightening torque	[Nm]	< 20

Displays / operating elements

Display	switching status	4 x 90° LED, yellow OUT 1
	switching status	4 x 90° LED, red OUT 3

Remarks

Remarks	On delivery: all outputs / LEDs switch on/off / flashing
Notes	customer-specific type label
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A; Contacts: gold-plated



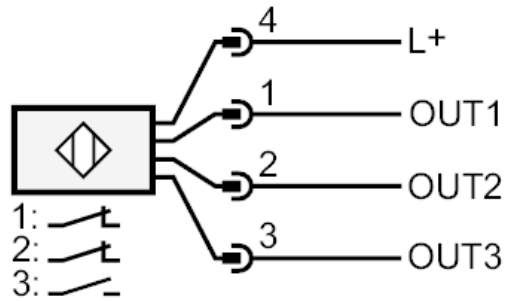
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Connection



OUT1:	locked
OUT2:	partly locked
OUT3:	unlocked