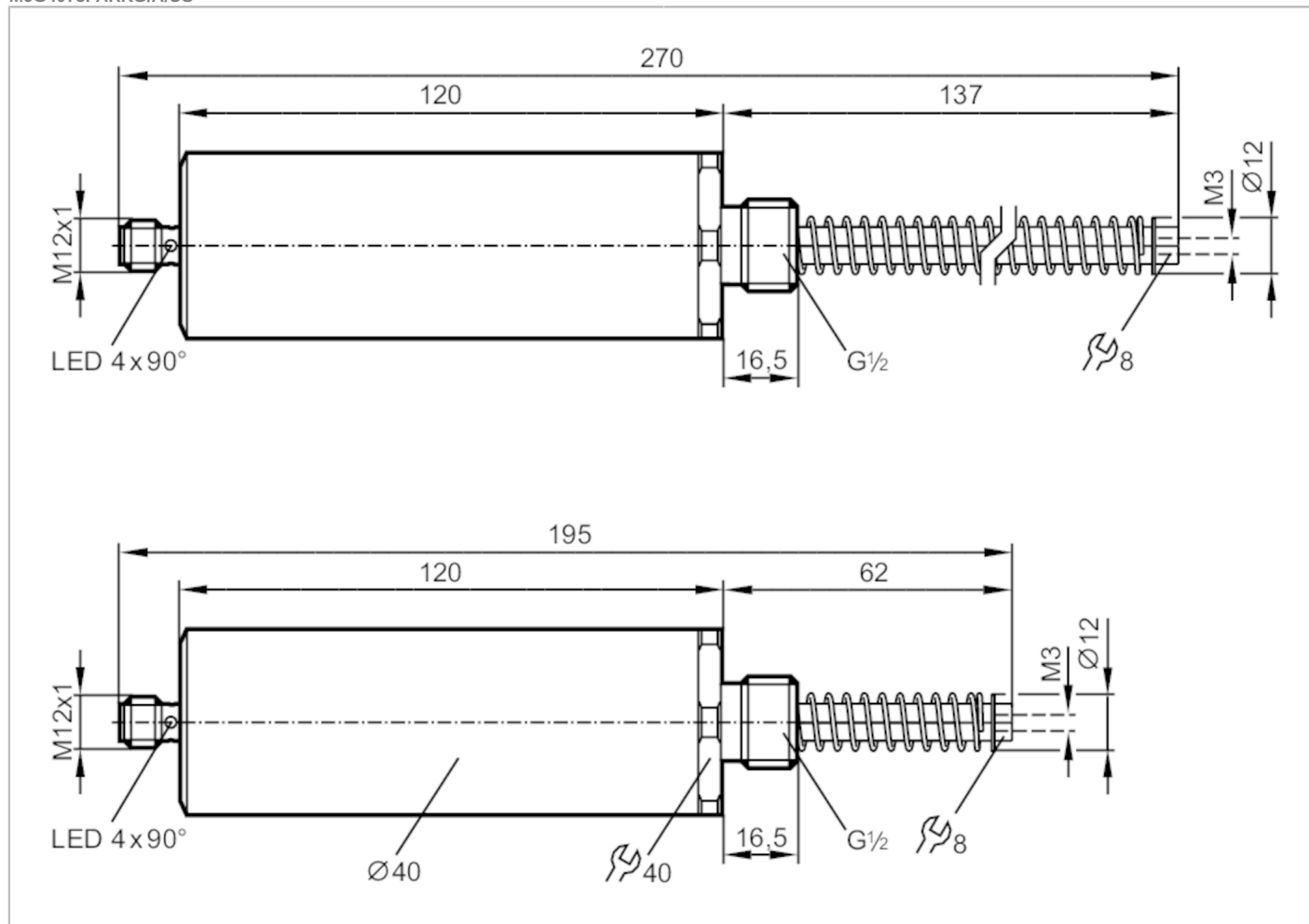


M95003



Magnetic sensor with three switch points for monitoring locked states

M9G4075PARKG/A/US



Product characteristics		
Output function		2 x normally closed / 1 x normally open
Dimensions	[mm]	Ø 40 / L = 120
Application		
Special feature		Gold-plated contacts
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
Max. leakage current	[mA]	0.5
Permanent current rating of switching output DC	[mA]	80
Switching frequency DC	[Hz]	0.5

M95003



Magnetic sensor with three switch points for monitoring locked states

M9G4075PARKG/A/US

Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Measuring range [mm]	62...137
----------------------	----------

Accuracy / deviations

Hysteresis [mm]	0.5
-----------------	-----

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

Mechanical data

Weight [g]	0.001
Dimensions [mm]	Ø 40 / L = 120
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
Pack quantity	1 pcs.

Electrical connection - plug

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



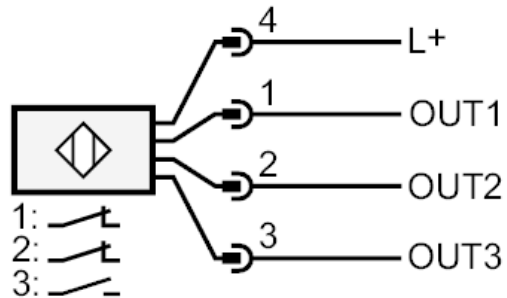
M95003



Magnetic sensor with three switch points for monitoring locked states

M9G4075PARKG/A/US

Connection



OUT1:	locked
OUT2:	partly locked
OUT3:	unlocked