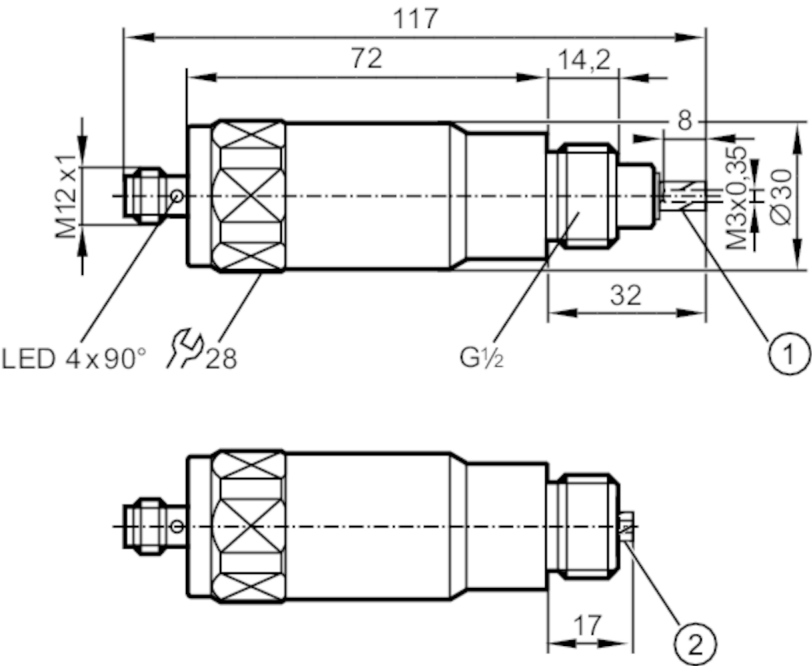


M95008



Magnetic sensor with two switch points for brake diagnosis

M9G4015PARKG/A/US



- 1: teach position maximum
2: teach position minimum



Product characteristics		
Output function		2 x normally open
Dimensions	[mm]	Ø 30 / L = 117
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 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]	100
Switching frequency DC	[Hz]	0.5
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Measuring range	[mm]	17...32

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Accuracy / deviations

Hysteresis	[mm]	0.1
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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	10 V/m
	EN 61000-4-4 Burst	2 kV
	EN 61000-4-6 HF conducted	10 V
	EN 55011 emission	class B
MTTF	[ANN]	349
UL approval	UL Approval no.	C001

Mechanical data

Weight	[g]	238
Dimensions	[mm]	Ø 30 / L = 117
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, red OUT 1
	switching status	4 x 90° LED, yellow OUT 2

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

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



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Connection

