

MGT200



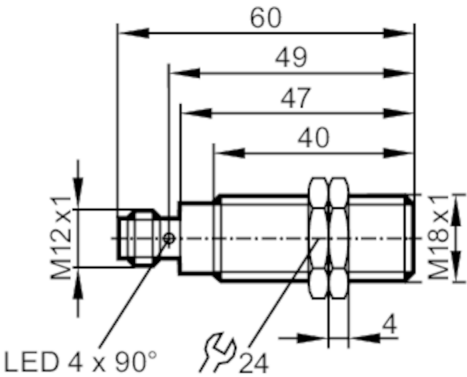
Magnetic sensor

MGK3070-BPKG/M/V4A/US-104-DPS

Article no longer available - archive entry

Alternative articles: MGT203

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	70; (referred to magnet M 4.0)
Housing	Threaded type
Dimensions [mm]	M18 x 1 / L = 60

Application

System	gold-plated contacts
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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	yes (non-latching)
Overload protection	yes

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Monitoring range		
Sensing range	[mm]	70; (referred to magnet M 4.0)
Magnetic sensitivity	[mT]	0.8
Accuracy / deviations		
Hysteresis	[% of Sr]	1...10
Operating conditions		
Ambient temperature	[°C]	0...100
Protection		IP 68; IP 69K
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
Mechanical data		
Weight	[g]	54
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 60
Thread designation		M18 x 1
Material		housing: stainless steel (1.4404 / 316L); sensing face: PEEK; lock nuts: stainless steel
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12; coding: A; Contacts: gold-plated		
		



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Connection

