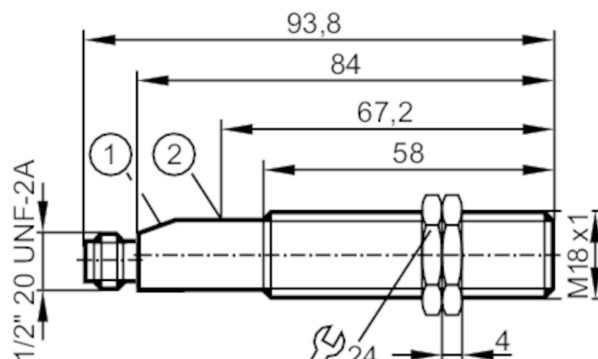




Capacitive sensor

KG-2008-ABOA/NI/LS100

Article no longer available - archive entry



- 1 LED
2 potentiometer



Product characteristics

Output function	normally open
Sensing range [mm]	8
Housing	Threaded type
Dimensions [mm]	M18 x 1 / L = 93.8

Electrical data

Operating voltage [V]	20...250 AC/DC
Protection class	II
Reverse polarity protection	no

Outputs

Output function	normally open
Max. voltage drop switching output DC [V]	6
Max. voltage drop switching output AC [V]	6
Minimum load current [mA]	4
Max. leakage current [mA]	2.5 (250 V AC) / 1.7 (110 V AC) / 1.5 (24 V DC)
Permanent current rating of switching output AC [mA]	150; (350 (...50 °C))
Permanent current rating of switching output DC [mA]	100
Short-time current rating of switching output [mA]	2100; (20 ms / 0,5 Hz)
Switching frequency AC [Hz]	25
Switching frequency DC [Hz]	50
Short-circuit proof	no
Overload protection	no

Monitoring range

Sensing range [mm]	8
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Sensing range adjustable	yes
Factory setting sensing range [mm]	8
Accuracy / deviations	
Correction factor	glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-15...15
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67
Increased immunity	yes
Tests / approvals	
EMC	EN 60947-5-2
Mechanical data	
Housing	Threaded type
Mounting	non-flush mountable
Dimensions [mm]	M18 x 1 / L = 93.8
Thread designation	M18 x 1
Material	PBT
Displays / operating elements	
Display	Switching status 1 x LED, yellow
Electrical connection	
Required protection	miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting
Accessories	
Items supplied	lock nuts: 2
	screwdriver: 1
Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	1 pcs.

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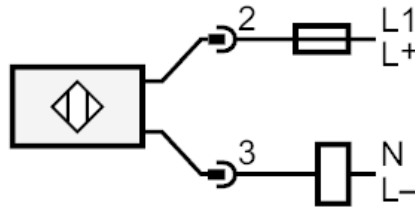


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Electrical connection - plug

Connector: 1 x 1/2"; coding: C



Note miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting