

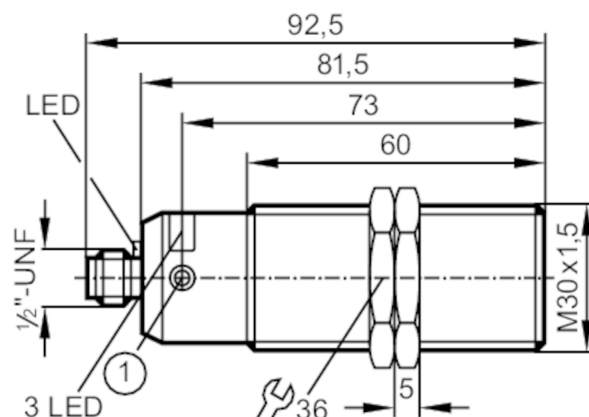
Capacitive sensor

KNM30NPKBBOW/LS100

Article no longer available - archive entry

Alternative articles: KI0054

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



1 programming button



Product characteristics

Output function	normally closed
Sensing range [mm]	sensing range programmable
Housing	threaded type
Dimensions [mm]	M30 x 1.5 / L = 92

Application

Installation	detection through non-metallic container walls
Media	dry bulk material; liquids
Medium temperature [°C]	-25...110

Electrical data

Frequency AC [Hz]	47...63
Operating voltage [V]	30...250 AC
Protection class	II

Outputs

Output function	normally closed
Max. voltage drop switching output AC [V]	10
Minimum load current [mA]	5
Max. leakage current [mA]	2.5 (250 V AC) / 1.7 (110 V AC)
Permanent current rating of switching output AC [mA]	200; (250 (...40 °C))
Short-time current rating of switching output [mA]	1500; (20 ms / 0,5 Hz)
Switching frequency AC [Hz]	5

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Detection zone		
Sensing range	[mm]	sensing range programmable
Sensing range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	IEC 60947-5-2	
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 92
Thread designation		M30 x 1.5
Materials		PBT; PP
Displays / operating elements		
Display	switching status	2 x LED, yellow
	programming	1 x LED, green
	error	1 x LED, red
Electrical connection		
Required protection		miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting
Accessories		
Items supplied		lock nuts: 2
Remarks		
Remarks		Recommendation: Check the safe functioning of the unit after a short circuit.
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x 1/2"; coding: C		



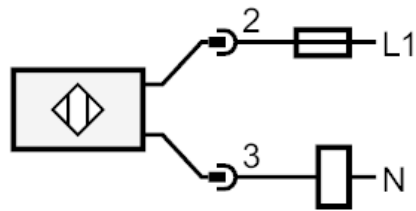
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Connection



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