



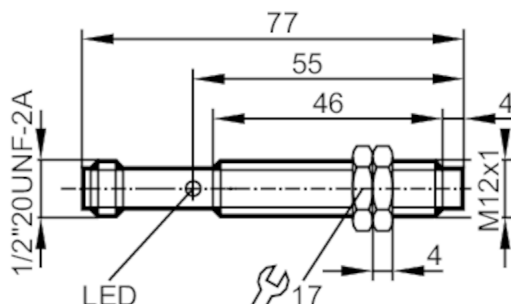
Inductive sensor

IFA2004-ABOW/SL/LS-100AK

Article no longer available - archive entry

Alternative articles: IF0301

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



Product characteristics

Output function		normally open
Sensing range	[mm]	4
Housing		threaded type
Dimensions	[mm]	M12 x 1 / L = 77

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	80...140 AC
Reverse polarity protection		no

Outputs

Output function		normally open
Max. voltage drop switching output AC	[V]	8.5
Minimum load current	[mA]	8
Max. leakage current	[mA]	1.7
Permanent current rating of switching output AC	[mA]	200
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Short-circuit protection		no
Overload protection		no

Detection zone

Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25

Accuracy / deviations

Hysteresis	[X01]	3...15
Switch point drift	[X01]	-10...10



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Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1 / L = 77
Thread designation		M12 x 1
Materials		brass nickel-plated; PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x 1/2"; coding: C		



Connection

