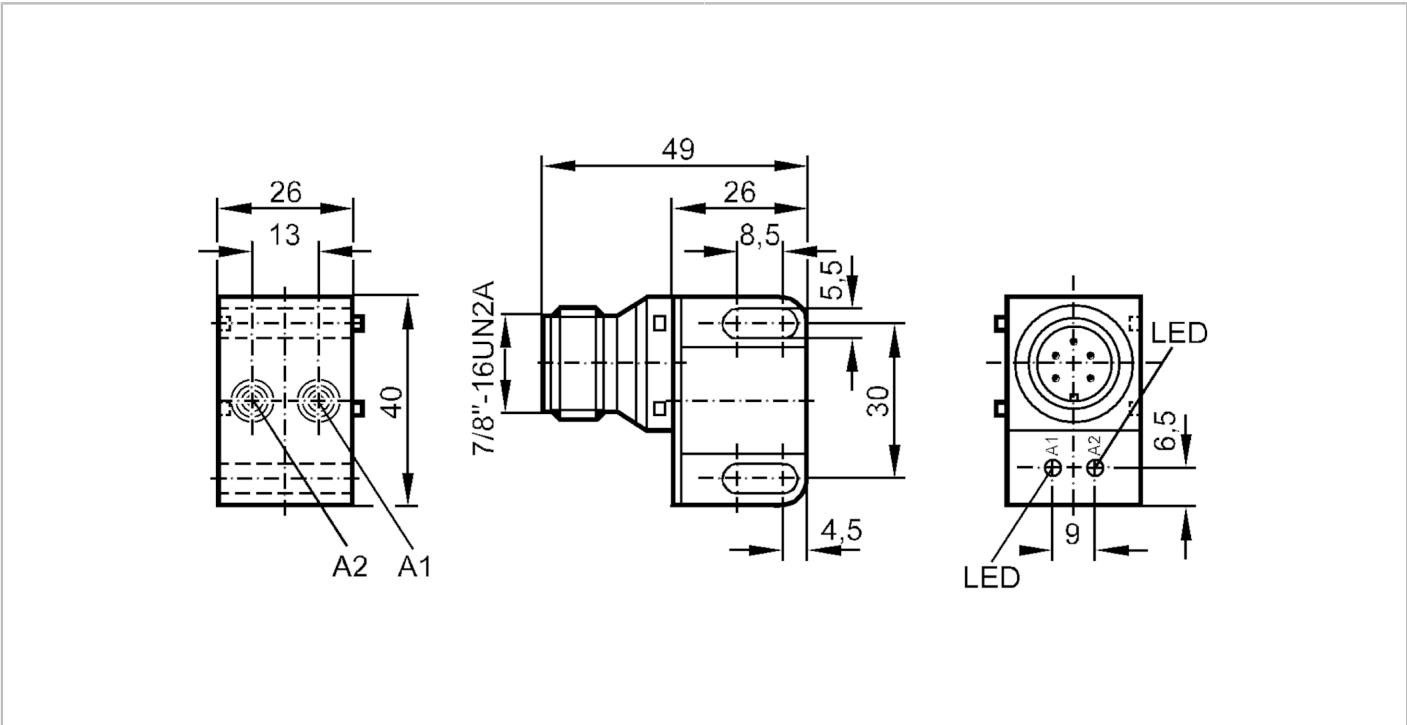




Dual inductive sensor for valve actuators

IND2004DAROA/SL/LS-500/1.7 RT



Product characteristics		
Electrical design		Series connection possible
Output function		2 x normally open
Sensing range	[mm]	4
Housing		rectangular
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...140 AC / 10...140 DC
Protection class		I
Reverse polarity protection		no
Outputs		
Electrical design		Series connection possible
Output function		2 x normally open
Max. voltage drop switching output DC	[V]	5
Max. voltage drop switching output AC	[V]	5
Minimum load current	[mA]	5
Max. leakage current	[mA]	1.7
Permanent current rating of switching output AC	[mA]	200
Permanent current rating of switching output DC	[mA]	200
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	25



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Short-circuit proof	no
Overload protection	no
Monitoring range	
Sensing range [mm]	4
Real sensing range Sr [mm]	4 ± 10 %
Operating distance [mm]	0...3.25
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminum: 0.4 / copper: 0.3
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
	EN 55011 class B
MTTF [years]	514
UL approval	Ta
	0...40 °C
	Enclosure type
	Type 1
	voltage supply
	Hazardous voltage
	File number UL
	E174191
Mechanical data	
Weight [g]	79
Housing	rectangular
Mounting	non-flush mountable
Material	PBT
Displays / operating elements	
Display	Switching status
	2 x LED, red
Electrical connection	
Required protection	miniature fuse to IEC60127-2 sheet 1; ≤ 2 A; fast acting
Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	1 pcs.

IN0118

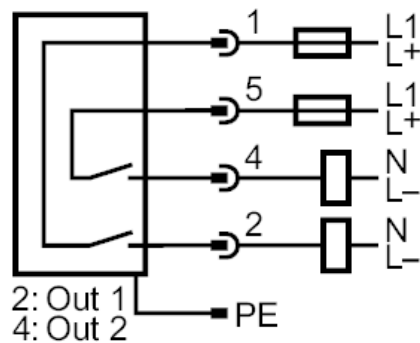
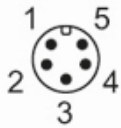


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Electrical connection - plug

Connector: 1 x 7/8"; coding: A



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