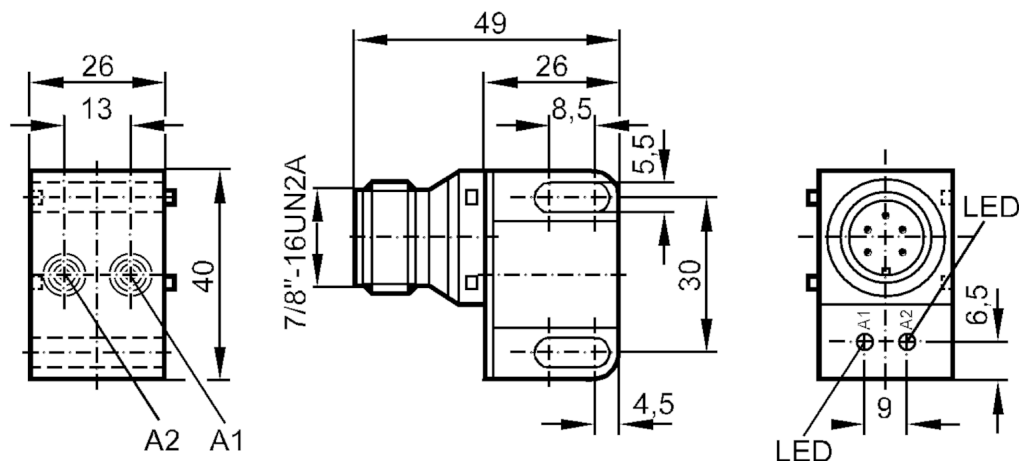




Inductive dual sensor for valve actuators

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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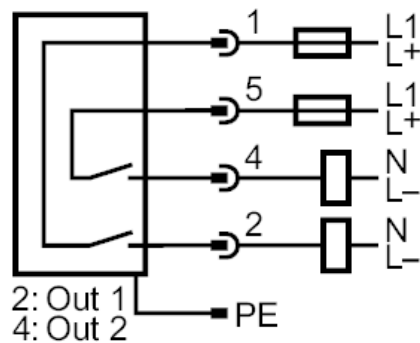
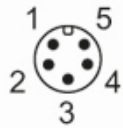
Short-circuit proof	no	
Overload protection	no	
Detection zone		
Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25
Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	1...15
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
	power supply	Hazardous voltage
	File number UL	E174191
Mechanical data		
Weight	[g]	79
Housing	rectangular	
Mounting	non-flush mountable	
Materials	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 safe functioning of the unit after a short circuit.	
Pack quantity	1 pcs.	

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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