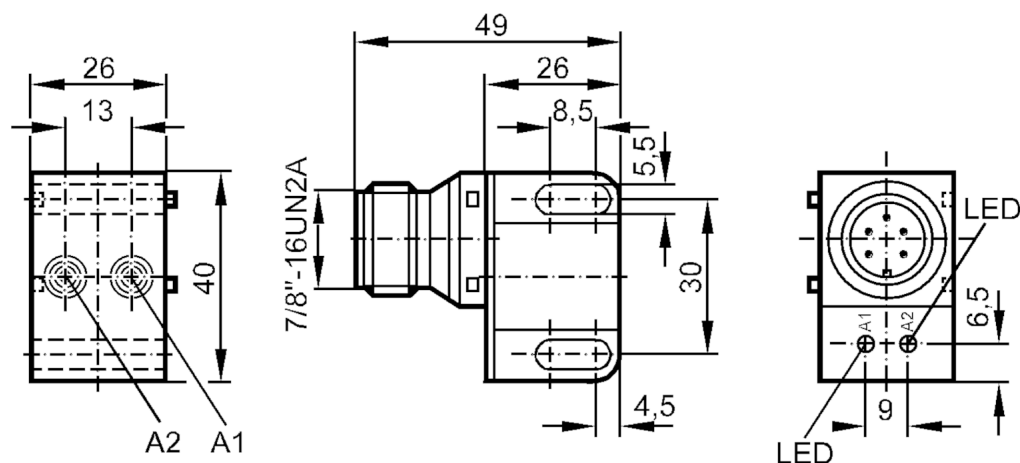




Inductive dual sensor for valve actuators

IND2004DAROA/SL/LS-500/1.7 RT



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
Short-circuit proof		no
Overload protection		no



Inductive dual sensor for valve actuators

IND2004DAROA/SL/LS-500/1.7 RT

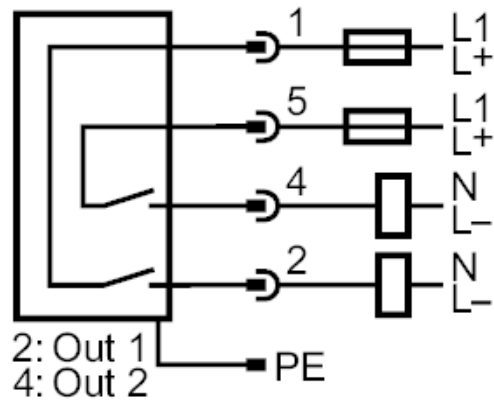
Detection zone		
Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %
Operating distance	[mm]	0...3.25
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10
Operating 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
	voltage supply	Unlimited Voltage
	File number UL	E174191
Mechanical data		
Weight	[g]	78.8
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.
Electrical connection - plug		
Connector: 1 x 7/8"		
		

IN0118



Inductive dual sensor for valve actuators

IND2004DAROA/SL/LS-500/1.7 RT



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