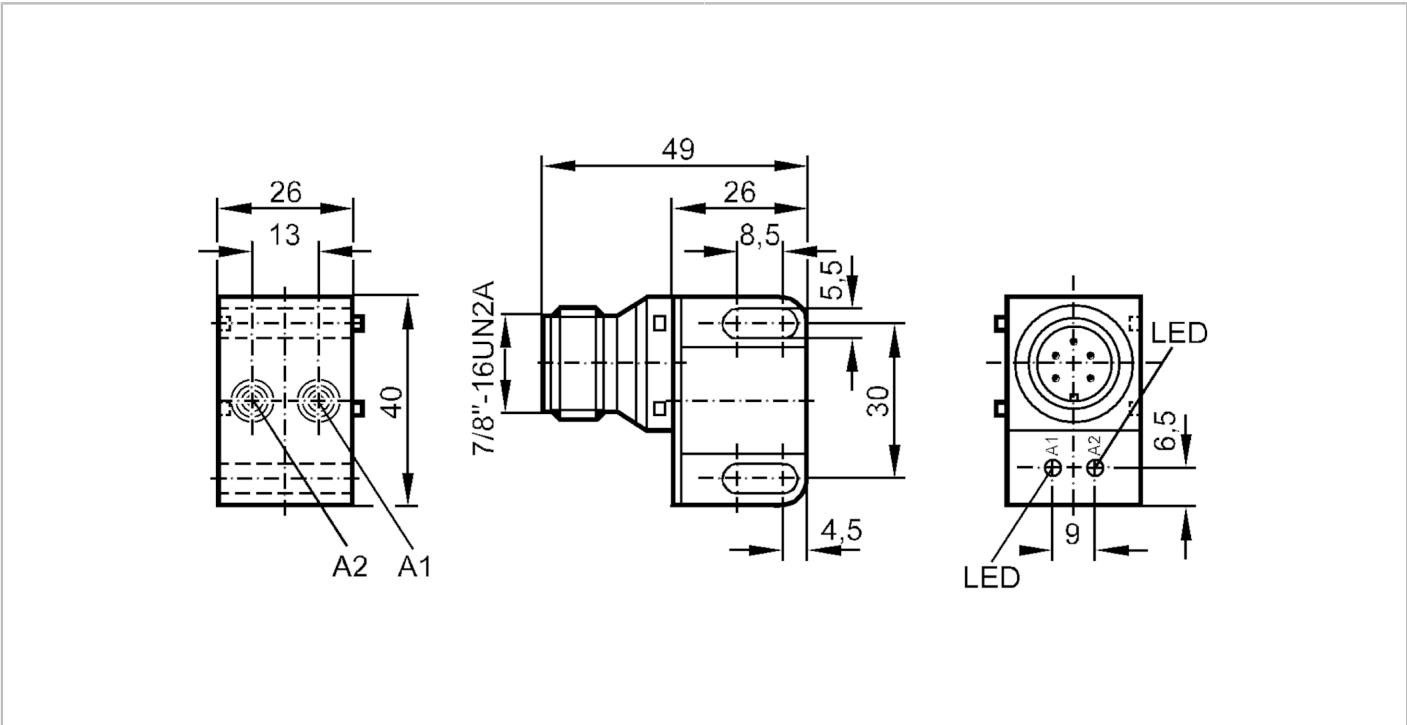


IN0117



Dual inductive sensor for valve actuators

IND2004DAROA/SL/LS-500 RT



Product characteristics		
Output function		2 x normally open
Sensing range	[mm]	4
Housing		rectangular
Dimensions	[mm]	40 x 26 x 26
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...140 AC / 10...140 DC
Protection class		I
Reverse polarity protection		no
Outputs		
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]	0.8
Permanent current rating of switching output AC	[mA]	200
Permanent current rating of switching output DC	[mA]	200
Short-time current rating of switching output	[mA]	900; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	25
Switching frequency DC	[Hz]	25



Dual inductive sensor for valve actuators

IND2004DAROA/SL/LS-500 RT

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: 0.4 / aluminum: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	3...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]	502
Mechanical data		
Weight	[g]	78.5
Housing	rectangular	
Mounting	non-flush mountable	
Dimensions	[mm]	40 x 26 x 26
Material	stainless steel (1.4305 / 303); 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; Place the fuse outside the hazardous area.	
Remarks		
Remarks	Recommendation: check the unit for reliable function after a short circuit.	
Pack quantity	1 pcs.	

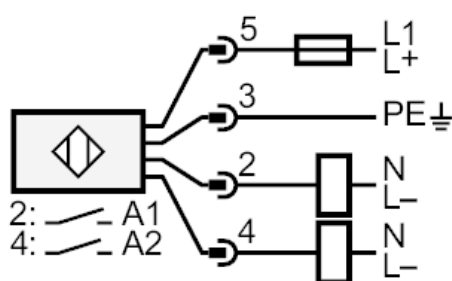
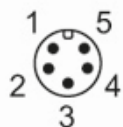


Dual inductive sensor for valve actuators

IND2004DAROA/SL/LS-500 RT

Electrical connection - plug

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



Note miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting
Place the fuse outside the hazardous area.