

IN0118



Dual inductive sensor for valve actuators

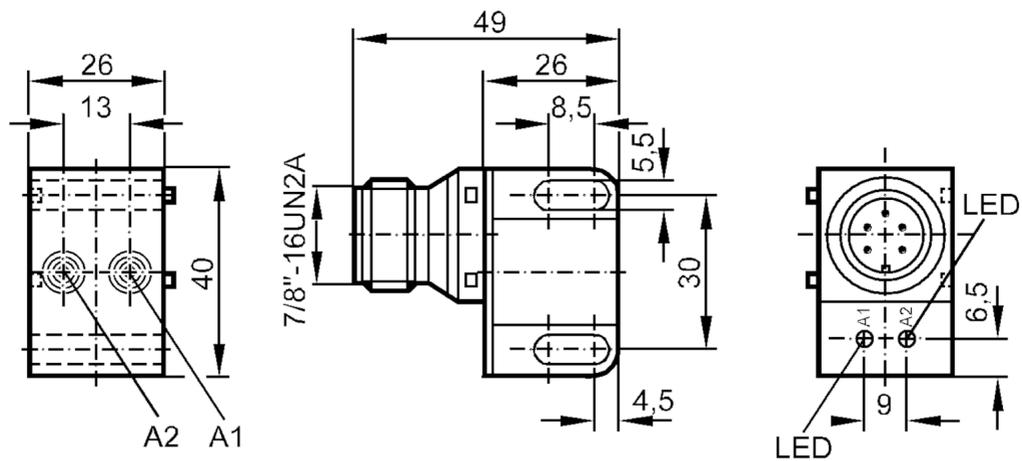
IND2004DAROA/SL/LS-500/1.7 RT

Article to be discontinued

Discontinuation date: 03/31/2026

Alternative articles: IN0117

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



Product characteristics

Electrical design	Series connection possible
Output function	2 x normally open
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	26 x 40 x 49

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

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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

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
	File number UL	E174191

Mechanical data		
Weight	[g]	79
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	26 x 40 x 49
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.

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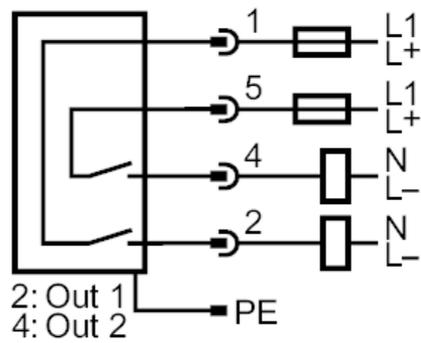
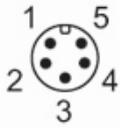


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Electrical connection - plug

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



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