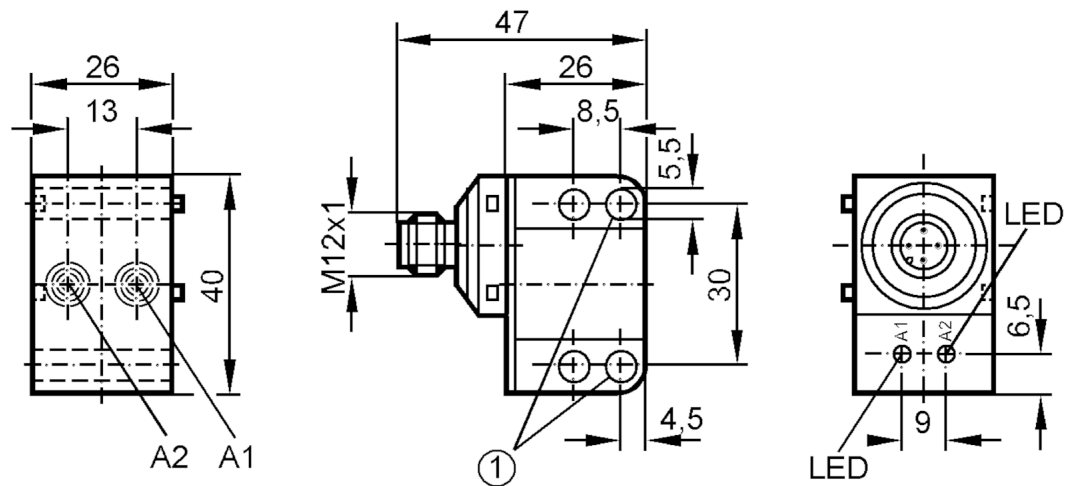


IN5345



Inductive dual sensor for valve actuators

IND3004DBPKG/US-100-DPV



1 blind hole Depth 24 mm



Product characteristics

Electrical design	PNP
Output function	2 x normally open
Sensing range [mm]	4
Housing	rectangular

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (36 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	2 x normally open
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	1200
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	4
--------------------	---



Inductive dual sensor for valve actuators

IND3004DBPKG/US-100-DPV

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]	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]	1064

Mechanical data		
Weight	[g]	58.5
Housing		rectangular
Mounting		non-flush mountable
Materials		PC

Displays / operating elements		
Display	switching status	2 x LED, yellow

Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x M12; coding: A; Moulded body: stainless steel (303/1.4305)



Connection

