

IN506A



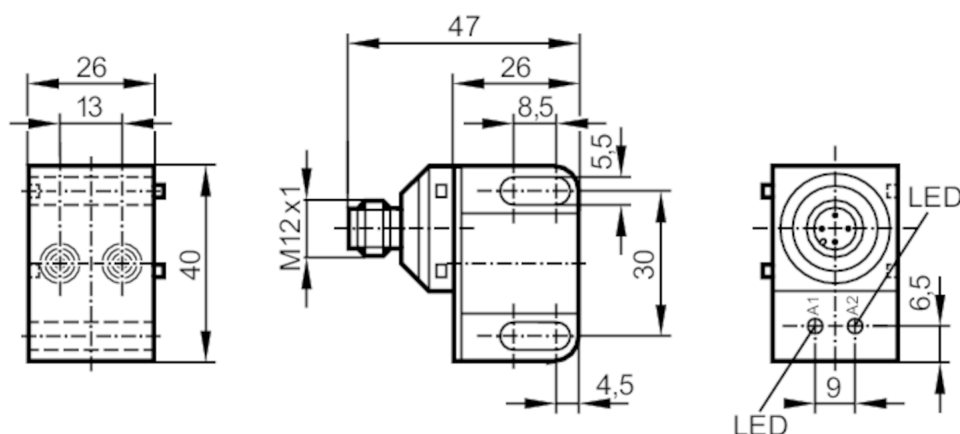
Inductive dual sensor for valve actuators

IND3004DBPKG/US/3D/3G

Article no longer available - archive entry

Alternative articles: IN507A

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



Product characteristics

Electrical design	PNP
Output function	2 x normally open
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	40 x 26 x 47

Electrical data

Operating voltage [V]	10...36 DC
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
Short-time current rating of switching output [mA]	250
Switching frequency DC [Hz]	1300
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	4
Real sensing range Sr [mm]	4 ± 10 %

IN506A



Inductive dual sensor for valve actuators

IND3004DBPKG/US/3D/3G

Operating distance	[mm]	0...3.25
--------------------	------	----------

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	0...60
Protection		IP 67

Tests / approvals

ATEX marking		II 3D IP 67 T = 80 °C X
		II 3G EEx nA II T6 X
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 26 x 47
Materials		housing: PBT; cover: 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



Connection

