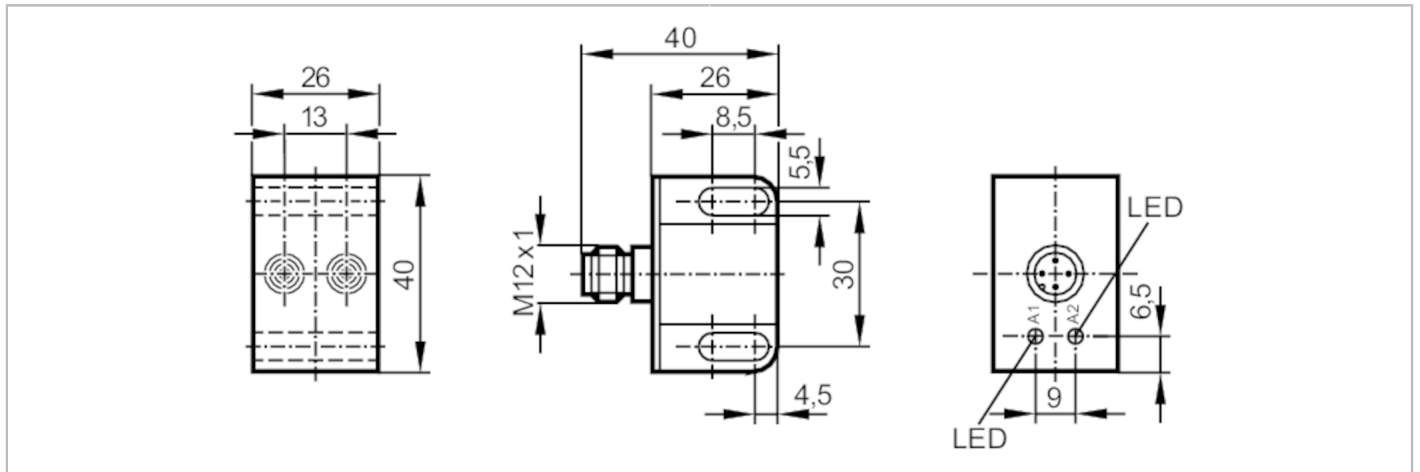


# IN5225



## Inductive dual sensor for valve actuators

IND3004DBPKG/US-100-DPV



Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15
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]	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 %
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]	-25...80
Protection		IP 67

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IND3004DBPKG/US-100-DPV

Tests / approvals		
EMC		EN 60947-5-2
		EN 55011
MTTF	[years]	1057
UL approval		Ta
		0...40 °C
		Enclosure type
		Type 1
		voltage supply
		Hazardous voltage
		File number UL
		E174191

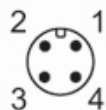
Mechanical data		
Weight	[g]	40.5
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	40 x 26 x 26
Materials		PBT
Tightening torque	[Nm]	0.6...1.5; (Lock nut)

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

Remarks		
Pack quantity		1 pcs.

### Electrical connection - plug

Connector: 1 x M12; Contacts: gold-plated



### Connection

