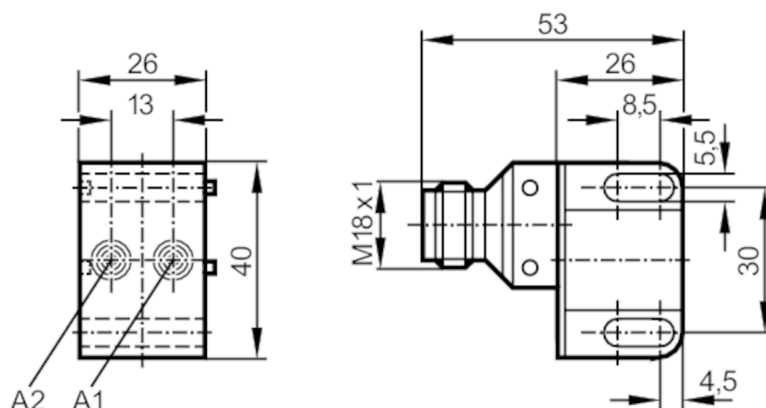




Inductive NAMUR dual sensor for valve actuators

IND2004DN/BS-200-K/PA

Article no longer available - archive entry



Product characteristics

Electrical design	NAMUR
Output function	2 x normally closed
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	40 x 26 x 49

Electrical data

Connection to switching amplifiers	yes
Switching amplifiers	connection on I/O Box for PROFIBUS PA Bürkert type 8642-0x
Nominal voltage DC [V]	6.5; (270Ω)
Current consumption [mA]	< 1; (disabled; conductive: > 2,2)
Max. power-on delay time [ms]	1

Outputs

Electrical design	NAMUR
Output function	2 x normally closed
Max. cable resistance [Ω]	50
Switching frequency DC [Hz]	1000

Detection zone

Sensing range [mm]	4
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Operating conditions

Ambient temperature [°C]	-20...70
Protection	IP 67

Tests / approvals

Approval	PTB-Zulassungsnummer: Ex-96.D.2178X; Gerätekenzeichnung: EEx ia IIC T6
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)

Safety classification

Max. internal capacitance [nF]	150
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NN5022



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Max. internal inductance	[μH]	190
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Mechanical data

Housing	rectangular
Mounting	non-flush mountable
Dimensions	[mm] 40 x 26 x 49
Materials	PBT

Remarks

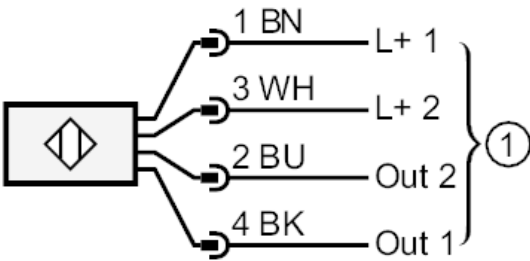
Remarks	Note: Nominal voltage does not comply to NAMUR EN50227
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M18; coding: A



Connection



1 =

connection to NAMUR amplifiers

1-4:

Out 1

2-3:

Out 2