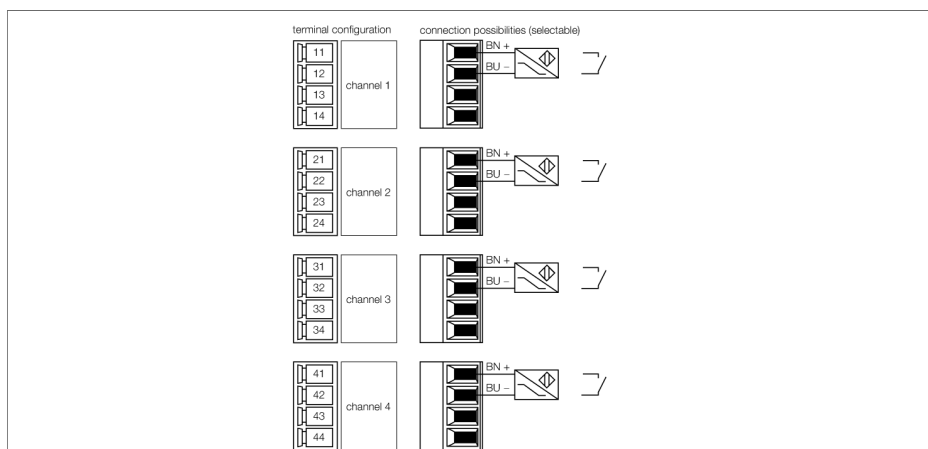




The input module DI40-N is used for the connection of NAMUR sensors (DIN EN 60947-5-6) or mechanical contacts.

When wire-break and short-circuit monitoring are activated, mechanical contacts can only be connected with a corresponding resistor circuitry (WM1, Ident no. 0912101).

The inputs are galvanically separated from each other.

The behaviour of the inputs can be adjusted via the PROFIBUS-DP master. The following parameters can be selected: switching performance, switch-on delay, default value, wire-break and short circuit monitoring.

- Input module for NAMUR sensors
- Complete galvanic separation

Type code	DI40-N
Ident no.	6884213
Supply voltage	via the backplanes, central power supply
Power consumption	≤ 1 W
Galvanic separation	Complete galvanic separation
Number of channels	4-channel
Input circuits	acc. to EN 60947-5-6 (NAMUR)
No-load voltage	8 VDC
Short-circuit current	4 mA
Switching threshold on/off	type 1.8 / type 1.3 mA
Switching frequency	≤ 50 Hz
Short circuit	< 367 Ω
Wire-break	< 0.1 mA
Indication	
Operational readiness	1 x green / red
State/ Fault	4 x yellow / red
Housing material	Plastic
Connection mode	module, plugged on rack
Protection class	IP20
Ambient temperature	-20...+70 °C
Relative humidity	≤ 95% at 55 °C acc. to EN 60068-2
Vibration test	acc. to IEC 60068-2-6
Shock test	acc. to IEC 60068-2-27
EMC	acc. to EN 61326-1 (2006) acc. to Namur NE21 (2007)
MTTF	111 years acc. to SN 29500 (Ed. 99) 40 °C
Dimensions	18x 118x 103 mm
Weight	75 g

Dimensions

