

Model DN945 Switch Amplifier, 4-channel with Relay Output



Product features

- Input for NAMUR proximity switches, mechanical contacts or optocouplers
- Common line fault monitoring
- EMC acc. to EN 61326 and NE21
- Galvanic isolation between input and output
- Ex ia/ib approved

Technical data:

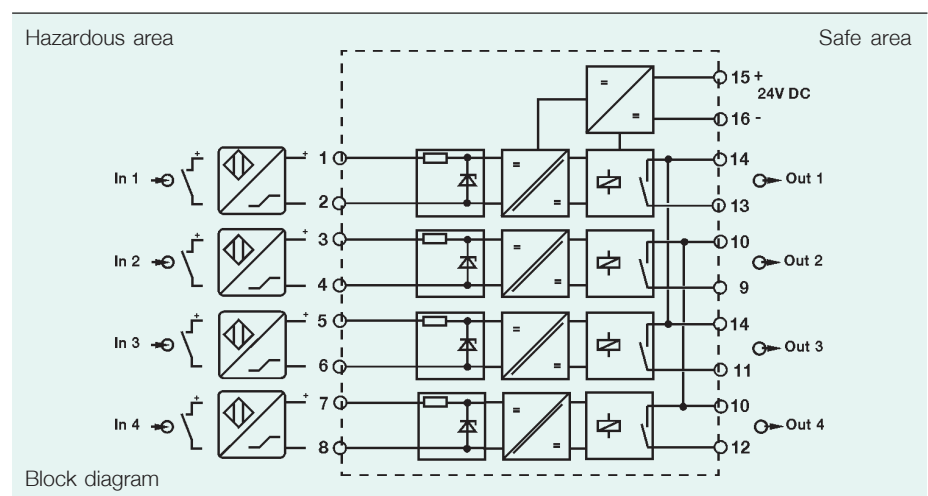
Input	NAMUR specifications
Switching points	ON: > 2.1 mA, OFF: < 1.2 mA
Current rating	1.65 mA ± 0.2 mA hysteresis
LFD level	Break < 0.2 mA, short circuit > 6.8 mA
Output	Potential free contact
Relay	2 A, 250 V, 100 VA or 2 A, 250 V, 80 W (resist)
Response time	20 ms
Max. frequency	10 Hz
Power supply	20 - 30 V DC
Power consumption	< 2.6 W
Ambient temperature	-20 °C ... +60 °C
	< 75 % (average)
Relative humidity	< 95 % (30 d/a), no condensation

Explosion protection:

Category	II (1) GD [EEx ia] II C
EC-Type Examination	DMT 03 ATEX E070 X
Safety values	Voc = 9.58 V, Isc = 9.7 mA, Po = 23.2 mW

Ordering details

Type	Ex-protection	Channels	Order No.
DN945	ia/ib	4	GHG 122 3141 G 1009



Don't remove terminals when energized.