

# Model DN919

## Solenoid Driver

### 4-channel



#### Product features

- Drives solenoid valves, acoustic alarms, LEDs
- outputs may be wired in parallel to increase power
- EMC acc. EN 61326 and NE21
- Galvanic isolation between input and output
- Output short circuit proof, current limitation

#### Technical data:

Input	Potential free contact, common positive or negative logic signal
Output	22 mA per channel to 10.6 V
Response time	20 ms
Power supply	21.5 - 30 V DC
Power consumption	4.3 W (4-channels)
Weight	130 g
Ambient temperature	-20 °C ... +60 °C
Relative humidity	< 75 % (average) < 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	$V_{oc} < 24.2 \text{ V}$ , $I_{o} < 54.4 \text{ mA}$ , $P_o < 329 \text{ mW}$ (1)
	$V_{oc} < 24.2 \text{ V}$ , $I_{o} < 109 \text{ mA}$ , $P_o < 658 \text{ mW}$ (2)
	$V_{oc} < 24.2 \text{ V}$ , $I_{o} < 163.2 \text{ mA}$ , $P_o < 987.4 \text{ mW}$ (3)
	$V_{oc} < 24.2 \text{ V}$ , $I_{o} < 217.6 \text{ mA}$ , $P_o < 1.3165 \text{ W}^*$ (4)
	* not allowed for gas group II C

#### Ordering details

Type	Ex-protection	Channels	Order No.
DN919	ia/ib	4	GHG 138 3141 G 1009

