

**Connector pin assignment CAN-BUS Encoder (DeviceNet – Profile)
with Incremental Signals**

Print clamps: 2-pole, Grid spacing 5,08 mm, Nominal cross-section 0,14-1,5 mm² (fixed or flexible), Nominal voltage 250 V, Rated current 16 A, AWG 26-16

X1 - Screw Clamp 2-pin

- Pin 1 K2, RS422-Output
- Pin 2 /K2, RS422-Output

X2 - Screw Clamp 2-pin

- Pin 1 K1, RS422-Output
- Pin 2 /K1, RS422-Output

X3 - Screw Clamp 2-pin

- Pin 1 Drain / Shield
- Pin 2 Drain / Shield

X4 - Screw Clamp 2-pin

- Pin 1 CAN_H
- Pin 2 CAN_L

X5 - Screw Clamp 2-pin

- Pin 1 0V-Supply, GND
- Pin 2 US-Supply Voltage, 11 – 27 VDC

LED off	Encoder is not on-line - No Dup_MAC_ID-test - Device may not be powered
green	On-line, with connections in the established state - Device is allocated to a master
green flashing	Dup-MAC-ID test successful Device is not allocated to a master
red flashing	Recoverable fault - e.g. I/O-connections are in the timed-out state
red	- Turn off system, after that turn on system - Replace encoder

Identifier

DIP-Switch 6 = Identifier 2 ⁵	DIP-Switch 5 = Identifier 2 ⁴	DIP-Switch 4 = Identifier 2 ³	DIP-Switch 3 = Identifier 2 ²	DIP-Switch 2 = Identifier 2 ¹	DIP-Switch 1 = Identifier 2 ⁰	Encoder address = Identifier
off	off	off	off	off	off	0
off	off	off	off	off	on	1
off	off	off	off	on	off	2
⋮	⋮	⋮	⋮	⋮	⋮	⋮
on	on	on	on	on	off	62
on	on	on	on	on	on	63

Baud Rate

DIP-Switch 8	DIP-Switch 7	Baud Rate
off	off	125 kBaud
off	on	250 kBaud
on	off	500 kBaud

