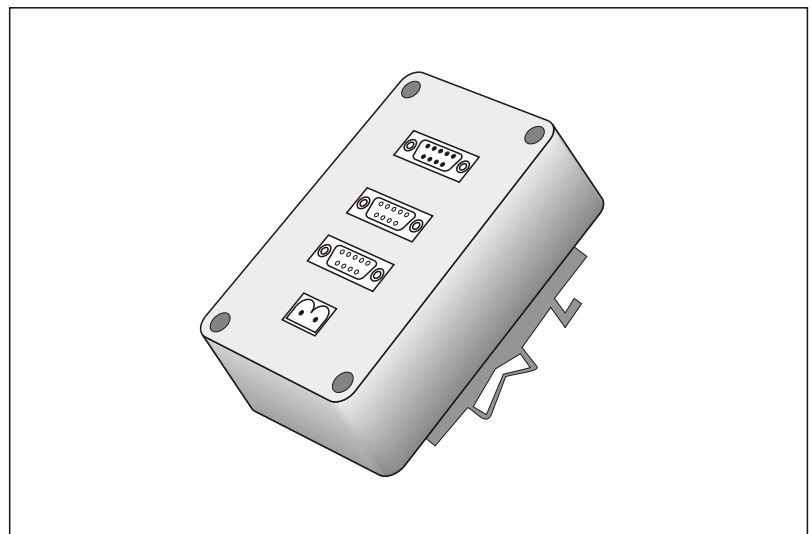




Encoder changeover switch DGU 2

Switching between two incremental encoders

- Contactless electronic changeover through 24V DC signal
- Connection of measurement wheel or incremental encoder with 5 V supply voltage
- DGU 2 - supply is made through encoder supply
- DIN rail mount



CE

Order data: DGU 02

Power supply DGU2 (via X3)

Supply voltage: $5 V_{DC} \pm 5 \%$
 Supply Current: ca. 0,2 A + 2 x encoder supply,
 independent of switchover signal

Switchover signal (X4)

Input current
 at 24 V: 6 mA

Encoder input (X1, X2)

Encoder supply: $5 V / 0,3 A$
 Max. frequency: 250 KHz
 Level: Balanced singals acc. RS422

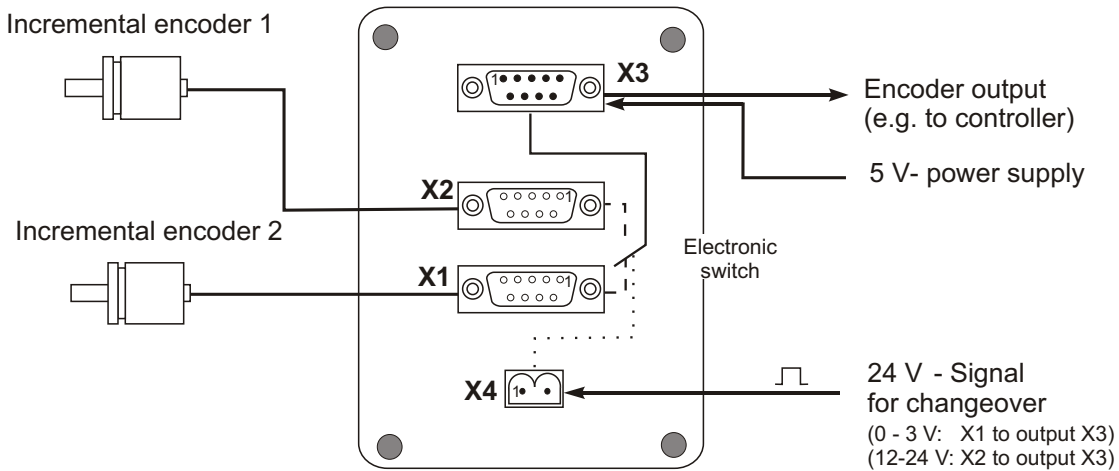
General

Ambient temperature: 0 ... 50 °C
 Storage temperature: -20 ... 70 °C
 Housing: Aluminum
 Dimensions (WxDxH): 64 x 36 x 98 mm
 Protection class: IP 30
 Mounting: DIN rail mount

Terminal plugs

X4: Spring-force connector plug
 X1, X2: Sub-D-connector female, 9 pin
 X3: Sub-D-connector male, 9 pin

Encoder changeover switch DGU 2

**Pin assignment**

X1, X2, X3



X4

- 1 Channel B
- 2 Channel B inverted
- 4 Chanel A
- 5 Chanel A inverted
- 6 GND
- 7 Index channel inverted
- 8 Index channel
- 9 5 V power supply

- 1 Changeover signal voltage + 24 V
- 2 Changeover signal voltage 0 V