The box is used for EMC-conformal feeding of 24 VDC supply voltage into the Profibus-DP hybrid cable. The bus will be protected against noise out of power lines by a filter. Additional the filter suppresses malfunctions out of bus signals.

- The device is for use with hybrid bus cables on both sides. Supply voltage and the Profibus wires should be together inside the cable shield.
- The stabilized 24 VDC power supply needs a shielded cable.
- Chamfered terminal blocks and standard EMC cable bushing are for easy assembling. Pls. note the specifications of Profibus user organisation (PNO).

**Technical Data**

Nominal voltage: 24 VDC / RS 485
Nominal current: 8A
Operating temperature: -30°C ... +85 °C
Dimensions: 80 x 75 x 58 mm
EMC cable gland: PG11
Cable diameter: 4 - 10 mm
Wire gauge: 0,2 - 2,5 mm²

Typical insertion loss:
Mounting instructions

The box is equipped with EMC PG-gland bushings for strain relief and contacting the cable screen.
Note: A once built-in cable cannot be removed again. The attempt mostly leads to the damage of the cable gland. Pls. replace damaged PG's.

- Cut and remove cable jacket
- Fold braid approx. 15 mm back over jacket
- Close gland bushing

Connections sample

How to order:

Profibus-DP Filter box - Part No. 252 916