

Profibus-DP Gateway for control cabinet integration

Description

The SPI-Profibus-DP unit is a serial Profibus-DP Gateway for the connection of WIPOTEC Weigh Cells to a Profibus DP Master. It is especially designed for the integration into control cabinets with rail mounting systems.

The Gateway operates as a DP Slave and is controlled by a Profibus DP master. It depicts the operations set of the Weigh Cells on the Profibus DP and thus facilitates the integration of weighing technology into Profibus applications.

The SPI-Profibus-DP module is a complete connection unit, which is equipped with a data link as well as a power supply unit for the Weigh Cell. The required +/- 15V or 24 V DC for the Weigh Cell are generated by a 24 V DC direct input voltage.

Apart from the power supply for the Weigh Cell the interconnection for the required interfaces is realised by screw clamp connectors.

The RS 232 interface allows the direct communication with the Weigh Cell from a PC or Laptop for analysis and setting up purposes. LED's indicate the operating mode as well as operating voltages.

Features

- ▶ Rail mounting system for easy integration in control cabinet
- ▶ 24 V DC power supply
- ▶ Profibus DP interface: RS 485 up to 12 MBaud in slave-mode
- ▶ Interface 1: RS 422 (Weigh Cell connection)
- ▶ Interface 2: RS 232 (monitoring interface)
- ▶ GSD-file on CD

Types and Options

- ▶ **65001000**
Rail mounting unit type SPI-Profibus-DP Gateway
- ▶ **65001010**
Rail mounting unit type SPI-Profibus-DP Gateway with additional interface RS 485 and I-MOT Software

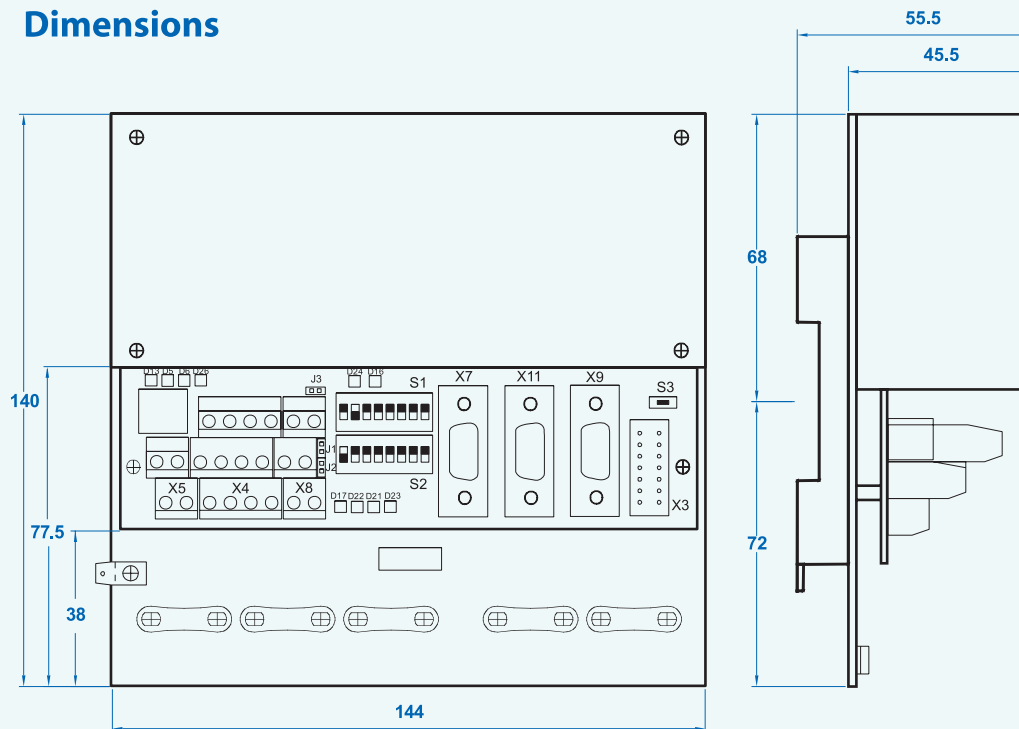


precision, that pays...

Technical data

Power supply nominal	24 V DC +/-5%
Maximum current input	1.2 A
Internal generated voltages for the Weigh Cell	+15V, +/-5%,0.5A -15V, +/-5%,0.5A
Clip-on connectors for	24 V DC-supply (X5) Weigh Cell (X4) Binary 24 V DC input (X8)
Clamp-type terminal (SUBD9)	RS 232 interface (X7) Profibus connection (X9) I-MOT connection (X11)
Temperature range	-10°C up to +40°C
Maximum relative humidity	70% (not condensing)
Dimensions (HxWxD) mm	144 x 140 x 45,5
Weight	approx. 800 g

Dimensions



Headquarters

Wipotec GmbH
 Adam-Hoffmann-Straße 26
 67657 Kaiserslautern, Germany
 T +49.631.34146-0
 F +49.631.34146-8690
 info@wipotec.com
 www.wipotec.com

Wipotec Italia s.r.l.
 Piazzale Dateo 2
 20129 Milano, Italia
 T +39.02.73952424
 F +39.02.76115675
 info@wipotec.it
 www.wipotec.it

1,9 mg
 230 mg
 150 µg