

PROFIBUS1S

PROFIBUS interface for single weighing scale or scales network



The PROFIBUS interface allows a simultaneous communication between 16 digital weighing scales, simplifying the weighing system.

Working in cooperation with:

VETEK AB

HANTVERKSVÄGEN 15 - 76493 - VÄDDÖ - SWEDEN
Tel. +46176-208920, info@vetek.com, www.vetek.com

The best solution
for advanced industrial
applications

PROFIBUS CONVERTER FOR INDIVIDUAL WEIGHING SCALE

- This PROFIBUS converter, connected to an individual digital scale or to a selected one from a scales network, transmit the following controls and data by PROFIBUS protocol:
 - NET ,GROSS and TARE weight
 - Weight status (for example; positive, negative, stable, unstable)
 - Error conditions (es. overload, underload)
 - Aliby Memory
 - Calibration
 - Configuration SETUP)
 - DIGITAL INPUT status
 - RELAY OUTPUT status
 - SETPOINT output writings

HUB PROFIBUS FUNCTION, UP TO 16 WEIGHING SCALES

- This set up permits the simultaneous check of all the weighing scales network data by PROFIBUS protocol.
In detail:
 - NET weight and GROSS weight of the scales
 - Weight status (for example, positive, negative, stable, unstable)
 - Error condition (es. overload, underload)
 - DIGITAL INPUT status
 - RELAY OUTPUT status

TECHNICAL FEATURES OF PROFIBUS CONVERTER

- PROFIBUS-DP slave (IEC 61158).
- ABS case for panel mounting on DIN bar.
- Suitable to function with DGT1S weight transmitter. Quick configuration from the transmitter programming menu.
- RS485 interface on RJ45 connector for quick connection to DGT1S.
- Profibus port on 9 Pin connector.
- Board optoisolation against electric or electrostatic discharges.
- Indexing from 0 to 98.
- Automatic Baud Rate selection from 9600 bit/s to 12Mbit/s.
- Power source: from 12 to 24Vdc.

DETAIL 1



DETAIL 2

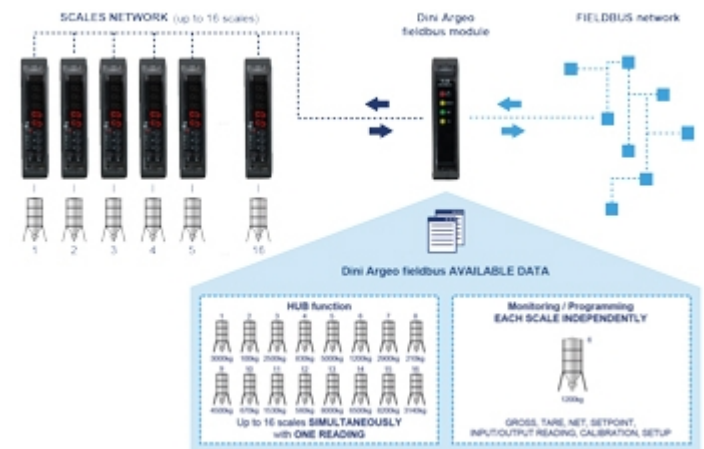


Thanks to Quick Connect system, the connections between DGT1S weight transmitter and the converter are simplified and speeden up.

DETAIL 3



DETAIL 4



PROFIBUS FOR DIGITAL WEIGHING SCALES: CONFIGURATIONS
(Please click on the image to enlarge)



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HEAD OFFICE
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy



VETEK AB

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SALES AND TECHNICAL ASSISTANCE SERVICE