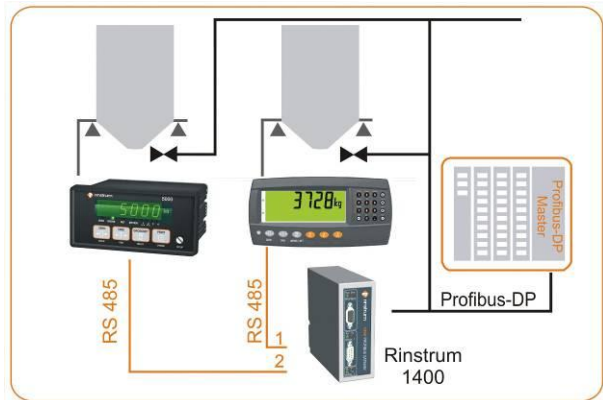
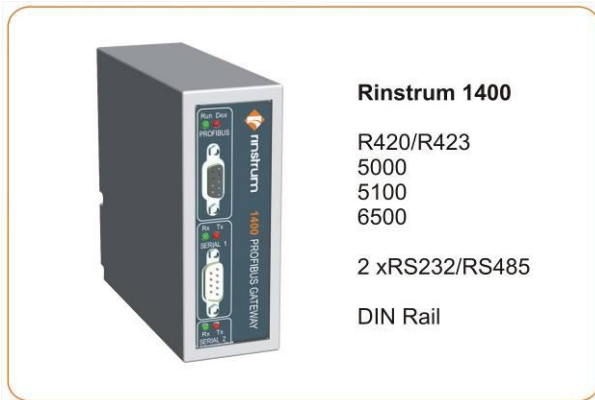


1400 – Profibus DP – Data Sheet



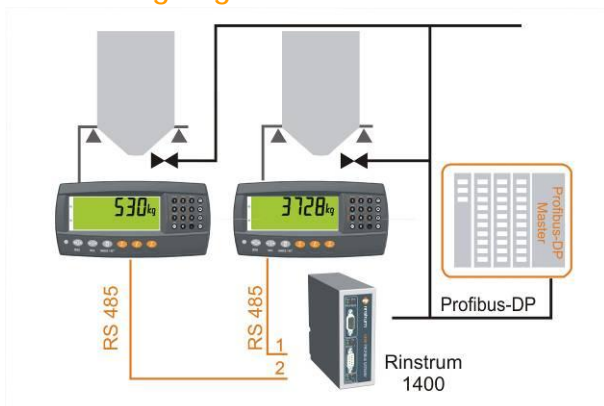
- Supports full integration
- Connection of two devices
- Supports R400, 5000 series indicators
- DIN rail mounting
- Status LEDs

The Rinstrum 1400 is a Profibus-DP module that allows for a selection of Rinstrum indicators and displays to be connected onto a Profibus-DP network.

The 1400 translates the data from the indicators into the Profibus format. This allows the Profibus master to effectively extract status and weight data for example from the indicators and send commands to the indicators. The data slots are fully configurable.

- Comprehensive diagnostics of the connected devices.
- Connects up to two devices (may be different types) to the Profibus, one per serial port.
- *Supported devices 5000, 5100, WE2110, R420/R423 and the 6500 display.
- Status LEDs on each port for diagnostics

Smart Weighing



Integration into a Profibus-DP network

- **Input Data** – Indicator status, current weight, I/O status etc. Any of the R400 numeric registers are available as these data slots are configurable.
- **Output Command Data** – remote key functions, targets, flight etc. The R420 Advanced supports write and execute registers allowing for complete integration of the devices onto the network and control by the PLC Profibus master.

..now that's smart weighing.

1400 Specification Table

	1400
Approvals	CE, C-tick (N2708)
Operating Environment	Temperature: -10° to +50°C ambient (14° to 122° F) Humidity: <90% non condensing IP20
Standard Power Input	10VDC to 28VDC, 1.5 W (typical)
Profibus-DP	Fully functional Profibus-DP
Transmission Speed	9600baud to 12Mbaud
Supported Services	Synch mode, Freeze mode, Auto baud detection, Set slave address
Isolation	>1kV optically isolated Profibus-DP interface
Serial Ports	Two (2) serial communication channels Full Duplex RS232 and RS485/422 on all ports Transmission rate: 9600, 19200 (default), 38400baud
Supported Devices	1 to 2 devices Devices: 5000, 5100, 6500, WE2110, R420, R423
Body size	45mm (1.8") W x 115mm (4.5") H x 140mm (5.5") D
Weight	230g (8.1oz)
Mounting	DIN Rail (35mm 1.4")

Specifications are subject to variation for improvement, without notice. Illustrations are indications only and variation may be evident between products