BOSCHE
WÄGETECHNIK

Remote Display *RD 840*



Features





- Large, bright 6-digit red LED display
- LEDs with wide reading angle of 120 degrees
- Approx. 100mm digit height
- Automatic 10-step brightness adjustment
- Visible up to approx. 30 m
- Robust, durable anodised aluminium housing
- Weatherproof design (IP65) with waterproof connector
- Can be controlled via an isolated RS232 or RS485 interface
- Operating temperature range -10°C to +40°C
- Dimensions: (W x H x D) 675 x 150 x 80 mm
- Power supply: 230 VAC; 50/60Hz
- Optional additional displays: idle, zero, net
- Optional: Auto-detection of baud rate & parity
- Optional power supply: 12V DC, 24V DC
- Optional: Configurable dataset reception

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Remote Display *RD 840*

Alphanumeric remote display for easy viewing of weight data and other information

The super-bright OSRAM LEDs are easy to read even from a distance (up to 30 metres) and are automatically adjusted to daylight conditions in 10 steps using a brightness sensor. The digit height is 100 mm. Direct control is possible via the integrated RS-232 and RS-485 interfaces. The remote display is ideal as a secondary display for concrete mixing plants, dispatch and picking scales, counting scales, dosing and filling scales, livestock scales and in industrial applications.

The rugged aluminium housing protects the electronics and is designed for outdoor use. An optional cover can be used for additional protection against sun and rain. Easy mounting on the back of the housing and WLAN or Ethernet connection is possible in combination with Bosche scale displays.

The protocol for other devices can also be adapted as an option, making the RD 840 remote display compatible with a wide range of devices.

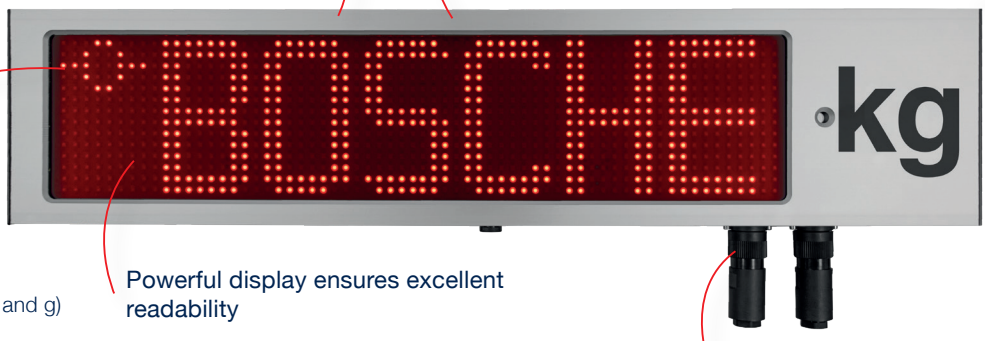
TECHNICAL DETAILS

Compact design for reliable operation in the harshest of industrial environments

- Anodised aluminium housing
- Weatherproof construction (IP65 rating)

Easy integration with existing weighing systems

- High functionality
- Automatic detection of the most common weighing protocols
- Adapts to transmission parameters (baud rate & parity)
- Automatic brightness control (10 levels)
- Active interface is automatically detected



Integrated auxiliary display

- Zero point
- Rest, net, tare
- Units (kg, lb, t and g)

Powerful display ensures excellent readability

- Super bright OSRAM LEDs with 1400 mcd/LED
- 100mm character height with 6+1 digits
- Reading distance 30 m
- Reading angle 120° in all directions

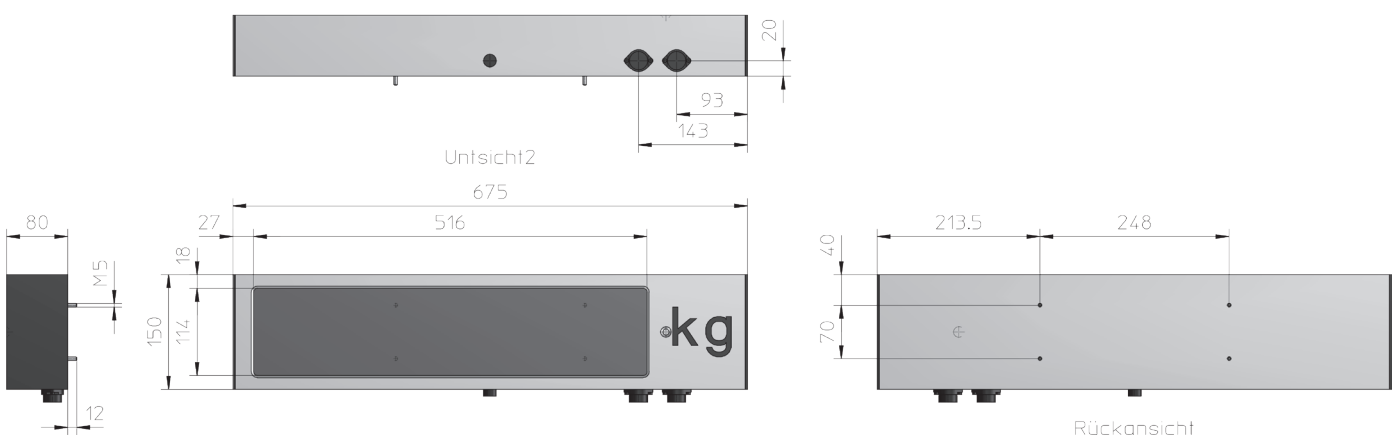
Equipment options for different applications

- Wireless communication
- Traffic light function
- Weather cover & mounting plate

Quick on-site installation with unique connector system

- A system of screw connectors for the serial interface and for the power supply
- Configurable via software
- Standard RS 232 and RS 485 interfaces
- Optional Ethernet interface

TECHNICAL DRAWINGS



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