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Stainless Steel Scale Indicator
Model : RIR427 Series

A robust stainless steel scale indicator with superior quality IP66 housing & RS232 I/O module designed for direct connection to PLC's or PC. The RIR427 scale indicator is suitable for general purpose trade weighing, multiple indicator weighing systems and process control.

It features a large easy to read multi-line LCD display that can show the item name, current weight and target weights. The addition of batching firmware enables dedicated batch status indicator to be used (requires batching firmware).

Its network capabilities support both Ethernet and Profibus DP. It also improves integration of the indicator into larger control systems. This makes the RIR427 an ideal scale indicator that is also legal for trade use when used with approved scale bases.

FEATURES — RIR427 WITH K402 FIRMWARE

- legal for trade use (TS1813)
- trade approval applies when this indicator is connected to approved weighing bases
- maximum approved divisions 10,000
- maximum display divisions (when not in trade use) 100,000
- single range
- minimum sensitivity per division 0.7 µV/d
- stainless steel housing with IP66 rating
- large easy to read dual line LCD display with green LED backlight; 29 mm high numeric and 18 mm high text
- comes preloaded with K402 firmware
- memory to store up to 250 PLU's
- 3 programmable keys
- custom print string for connecting to label printer
- clock/date, counting, peak hold, manual hold total functions
- RS232 output module for serial communication
- stainless steel bracket for desk, wall or pole mounting enables indicator to be tilted for easy reading

OPTIONS

- see page 2 for more custom build options including; comms, set points, output, data storage
- OptoLink cable for data extraction available on request (part #RIA10012)
- rechargeable battery is available as a factory fitted option, available on indent
- panel mount option available on indent

Specifications may change without notice

▲ *Weighing Scales.*

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SPECIFICATIONS

Legal for Trade Use	Yes
TS #	1813
Max Approved Divisions	10,000 d
Max Divisions (Non-Approved)	100,000 d
Number of Ranges	Single Interval
Minimum Sensitivity /Division	0.7 µV/d
Main Display Size	28.4 mm
Second Display Size	17.6 mm
Backlight	Yes - Green
Mounting Options	Wall, Desk or Pole Bracket
Inputs/Outputs	Up to 32 I/O's (RIM4201)
Setpoints	Yes
Communication Protocol: RS232 USB Ethernet 4-20mA or 0.10V	Yes (plus optional RIM4201) Option (RIM4222) Option (RIM4222) Option (RIM4401)
More Features Available	Yes
Built-in Printer	No
Counting Function	Yes
Check Weighing Function	Yes
Environment Suitability	Wet
Ingress Protection Rating	IP66
Power Source	230V AC or 12-24V DC
Battery Option	Yes - Factory Fitted
Overall Dimensions (mm)	323 (W) x 162 (D) x 213 (H)

OPTIONAL MODULES FOR CUSTOM BUILDS

- RS232/RS232 MODULE - 2 isolated RS232 serial communication outputs. (Part # RIM4201)
- 8 I/O SETPOINT MODULE - 8 isolated digital I/O ports maximum of 30 V & 400 mA. (Part # RIM4301)
- ANALOG OUTPUT MODUEL - One isolated output, 4-20 mA or 0 -10 V for connecting to PLC @ up to 400 Hz. (Part # RIM4401)
- 4 BUTTON INPUT MODULE - 4 voltage-free inputs for connecting external switches. (Part # RIM4302)
- DATA STORAGE DEVICE (DSD) - 6 MB internal storage for all data. (Part # RIM4501). Note; data can be extracted through Ethernet Module or OptoLink data cable.
- ETHERNET & USB MODULE - Bi-Directional server interaction through the network port with DHCP and static configuration. (Part # RIM4222)
- LUA MODULE; Embedded Linux OS to be programmable for custom requirements. Ethernet and USB connectivity for maximum connectivity/outputs. (Part # RIM4223)

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