FRD remote displays

product description

The FRD family of remote displays comprises of five versions for use in various weighing systems within the weighing machines and process weighing sectors. The displays have environmental protection rated at IP65 or IP67.

The FR-57, FRD-57B and the FRD-100B are stainless steel housed devices for wall mounting – with red LED display.

The FRD-55 and FRD-100 wall mount displays offer brighter LED display for use in well-lit environments. Ideal for outdoor use.

key features

6 digit displays

Wall mounted enclosures

Steel or aluminium housings

55mm, 57mm and 100mm display height versions available

Serial interface – RS232/RS485

CE

RoHS compliant

IP65

IP67

flintec

specifications

Model	FRD-57	FRD-55 LED	FRD-100 LED	FRD-57B	FRD-100B
Display technology	LED red	LED super red, suitable in sunlight environments			
Display height (mm)	57	55	100	57	100
Display	6 digits, 7 segments	6 digits			
Weight display	+/- sign and 5 digits, decimal point between any digit			Indication for zero, net, stable	
Designator	Permanent label sticker			-	-
Other	-	Automatic lightness control; 140° reading angle		Sun shield	

Communication

Serial interface	RS-232, RS-485 and 20 mA TTY current loop; field selectable	RS-232 and RS-485; field selectable	RS-232, RS-485 and 20 mA TTY current loop

Power

Power requirements	230V AC ±20%, 50...60Hz, max. 7W	190...240V AC, max. 350mA	190...240V AC, max. 500mA	100...240V AC or 24V DC (option)

Environment and enclosure

Operating temperature	-20°C to +50°C	-20°C to +60°C	-15°C to +55°C
Storage temperature	-10°C to +70°C	-20°C to +60°C	-
Humidity	90% RH max., non-condensing		
Enclosure	Stainless steel	Aluminium, 3mm thick	Stainless steel
Protection	IP65		IP67
Dimensions (mm)	445 x 202 x 72	480 x 150 x 60	630 x 150 x 60	467 x 182 x 70	700 x 200 x 80
Weight	3kg	2.7kg	3.2kg	6.5kg	9.6kg

Dimensions and specifications are subject to change without notice.