



FRD-100 LCD



FRD-57



Product Description Type FRD-57

The FRD-57 is a wall mount display terminal to be used in combination with various weighing systems.

The display terminal has high visible 57 mm large red LED's. Communication via a bi-directional serial interface.

Serial interface RS232 or RS485 or 20 mA current loop (only one interface may be active at the same time).

The FRD-57 is available in a stainless steel housing.

Key Features

- 6 digits LED with floating decimal point
- Serial interface RS485, RS232 or 20 mA current loop (selectable)
- Low power consumption
- IP65 protection

Product Description Type FRD-45 LCD / -100 LCD

The FRD-45 LCD is a wall mount Liquid Crystal Display terminal with 45 mm high characters, FRD-100 LCD with 102 mm high characters.

Both instruments can be used in combination with various weighing systems for local or remote display. Therefore they have a programmable communication interface which can be RS232 or RS485 or 20 mA TTY current loop (only one interface may be active at the same time).

FRD-45 LCD and FRD-100 LCD are available in stainless steel housings.

Key Features

- 6 digits LCD with floating decimal point
- Serial interface RS485, RS232 or 20 mA current loop (selectable)
- Low power consumption
- IP65 protection (FRD-100 LCD only)

Options

- IP65 protection (FRD-45 LCD only)
- Backlight

Specifications			
	FRD-57	FRD-45 LCD	FRD-100 LCD
DISPLAY			
Technology	LED red	Transflective positive TN LCD	
Display height	57 mm	45 mm	102 mm
Display	6 digits, 7 segments		
Weight display	Plus/minus sign and 5 digits, decimal point between any digit		
Designator	Permanent label sticker		
Memory	Serial EEPROM	-	
Backlight option	-	Yes; amber LEDs	
COMMUNICATION			
Standard interface	RS-232, RS-485 and 20 mA TTY current loop, field selectable		
	1 200...19 200 baud	1 200...19 200 baud	300...38 400 baud
POWER			
Power requirements	230 V AC \pm 20%, 50...60 Hz, max. 7 W	24 V DC, max. 100 mA	
ENVIRONMENT AND ENCLOSURE			
Operating temperature	-20°C to +50°C	-10°C to +60°C	-35°C to +45°C
Storing temperature	-10°C to +70°C		-40°C to +70°C
Humidity	90% RH max., non condensing		
Enclosure	Stainless steel housing		
Protection	IP65	IP40 (option for IP65)	IP65
Dimensions	365 x 130 x 82 mm	244 x 109 x 22 mm	540 x 169 x 37 mm
Size with mounting brackets	-	256 x 118 x 22 mm	550 x 180 x 58 mm
ACCESSOIRES			
Mounting brackets	not needed	included in standard delivery	