

FI-127 Force Indicator

The FI-127 is a fully bi-directional loadcell instrument accepting both positive and negative loadcell signals, internally performing the analog to digital conversion at 60 times per second. The FI-127 Indicator features a NEMA 4X stainless steel enclosure for reliable performance in wet or dusty environments. Included bracket allows for wall or bench mounting. Watertight connections include the 7-pin loadcell cable connector and 4-pin serial port connector and five additional cable ports. The instrument's 20-key front panel enables all setup, configuration and calibration procedures. FI-127's calibration procedures include a multi-point calibration feature for correcting the performance of non-linear loadcells. The indicator has memory to store calibration information for six loadcells.

The FI-127 can store captured data as well as peak and first peak values in its internal database. Operators can track stored data using date/time information and a 6-digit ID number. The stored data can then be printed or sent to a PC or other device using programmable print and data output formats. The FI-127's seven logic level inputs and the bi-directional serial port can receive control commands from external devices. The instrument can control external devices via any of the three standard cutoff outputs.

System calibration is free when ordered with a Dillon Load Cell! See notes on load cell price list.

Model	Shipping Weight	Part Number	List Price
FI-127 Indicator with LED display, 115v AC 50/60 Hz, clock, serial port, seven inputs, 3 cutoff outputs, NEMA 4X enclosure, 7-pin loadcell connector and 4-pin serial port connector	15 lb 7.3 kg	49056-1123	\$1,890

Options	List Price
220 VAC 50/60 Hz, (Specify USA, UK, Europe, Italy or Australia cord kit with order.)	No charge
Up to two additional serial output boards	\$290 ea.
Selectable: RS232, RS422/485 or 20mA current loop	\$290
BCD output board	\$290
Analog output board (0-5, 0-10 VDC; 1-5, 4-20, 10-50 mA)	\$290
Cutoff card – <i>(Increases the 3 standard outputs to 10 outputs)</i>	\$290
Flush mounting kit <i>(flange bracket and gasket)</i>	\$60
115 VAC isolation transformer for power separation between indicator and service panel - <i>(surge protection for panel mount applications)</i>	\$170

Cables and Other Accessories

Cables	Part Number	List Price
<i>Loadcell-to-Indicator cable assemblies</i>		
<i>(5-pin round by 7-pin round watertight)</i>		
6-ft loadcell cable assembly	26850-0212	\$90
12-ft loadcell cable assembly	26850-0220	\$100
18-ft loadcell cable assembly	26850-0238	\$110
25-ft loadcell cable assembly	26850-0246	\$120
Additional loadcell cable	<i>special</i>	\$2.00/ft
5-pin mating connector only <i>(connects to loadcell connector)</i>	14407-0018	\$25
7-pin mating connector only <i>(connects to indicator connector)</i>	14407-0026	\$25
6-foot RS-232 from indicator-to-printer or computer - <i>(watertight 4-pin round by 9-pin, D-style female)</i>	50477-0017	\$110
	Mild Steel	Stainless
Remote Relay Boxes	NEMA 4	NEMA 4
3 relays	\$555	\$715
5 relays	\$1,220	\$1,605
10 relays	\$1,730	\$2,180
<i>(Other sizes available consult factory)</i>		