

# DILLON

## 2007 Price List

Fi127\_p.indd

### 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.

An 8-digit, bright green LED display and fourteen status annunciators display setup, configuration and force measurement information. The instrument displays values for peak, first peak, average over time and over/under/accept. The indicator also has a data capture function. It 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.

<b>Model</b>	<b>Shipping Wt</b>	<b>Part Number</b>	<b>List Price</b>
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	\$ 1,495

<b>Options</b>	<b>List Price</b>
220 VAC 50/60 Hz, <i>(Specify USA, UK, Europe, Italy or Australia cord kit with order.)</i> . . . . .	No charge
Up to two additional serial output boards . . . . .	\$ 234 each
Selectable: RS232, RS422/485 or 20mA current loop . . . . .	\$ 234
BCD output board. . . . .	\$ 234
Analog output board (0-5, 0-10 VDC; 1-5, 4-20, 10-50 mA) . . . . .	\$ 234
Cutoff card – <i>(Increases the 3 standard outputs to 10 outputs)</i> . . . . .	\$ 234
Flush mounting kit <i>(flange bracket and gasket)</i> . . . . .	\$ 47
115 VAC isolation transformer for power separation between indicator and service panel <i>(surge protection for panel mount applications)</i> . . . . .	\$ 140

(CABLE INFORMATION ON BACK)

**CABLES AND OTHER ACESSORIES**

<u>Cables</u>	<u>Part Number</u>	<u>List Price</u>
<b>Loadcell-to-Indicator cable assemblies</b> (5-pin round by 7-pin round watertight)		
6-ft loadcell cable assembly .....	26850-0212 .....	\$ 75
12-ft loadcell cable assembly .....	26850-0220 .....	\$ 85
18-ft loadcell cable assembly .....	26850-0238 .....	\$ 95
25-ft loadcell cable assembly .....	26850-0246 .....	\$ 105
Additional loadcell cable .....	<i>special</i> .....	\$ 2.00/ft
5-pin mating connector only ( <i>connects to loadcell connector</i> ) .....	14407-0018 .....	\$ 20
7-pin mating connector only ( <i>connects to indicator connector</i> ) .....	14407-0026 .....	\$ 20
<b>Other cables</b>		
6-foot RS-232 from indicator-to-printer or computer ( <i>watertight 4-pin round by 9-pin, D-style female</i> ) .....	50477-0017 .....	\$ 95
10-ft serial from indicator to WP-233P .....	51815-0016 .....	95

<u>Remote Relay Boxes</u>	<u>Mild Steel</u> <u>NEMA 4</u>	<u>Stainless</u> <u>NEMA 4</u>
3 relays .....	\$ 489 .....	\$ 634
5 relays .....	\$ 1,082 .....	\$ 1,420
10 relays .....	\$ 1,535 .....	\$ 1,935
<i>(Other sizes available consult factory)</i>		