

Instrumentation/Process Control

SURVIVOR® 390HE

Hostile Environment Digital Weight Indicators



STANDARD FEATURES

- NEMA 4X Fibreglas-Reinforced Polyester (FRP) enclosure
- Bold 1in Liquid Crystal Display (LCD)
- Universal mounting tabs (replaceable)
- Up to 30 updates/second
- Selectable display update rate
- Five button operation, environmentally protected mechanical switches
- Selectable units
- One communication port, full duplex RS-232
- RATTLETRAP® vibration control

APPROVALS



SPECIFICATIONS

EXCITATION VOLTAGE:

5VDC
Load current: 60mA maximum
(4 x 350Ω load cells)

ANALOG SIGNAL INPUT RANGE:

0.5mV/V - 3.5mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 microvolts/graduations minimum

MEASUREMENT RATE:

30, 15, 7 1/2, 3 3/4 updates second

SYSTEM LINEARITY:

Within 0.01% of FS

RESOLUTION:

Internal resolution: 1 million counts
Display: Selectable up to 100,000 dd

DISPLAY:

1 in (25 mm) LCD Display,
Decimal point available at each digit

STATUS ANNUNCIATORS:

Tare, entered tare, standstill, net, gross,
center of zero, minus sign, lb, kg

FRONT-PANEL:

5-button rubber-booted SURVIVOR® watertight
switches

CIRCUIT PROTECTION:

ESD, EMI, RFI protected

SERIAL OUTPUT:

Printer port: RS-232 full duplex
7 or 8 data bits; even, odd or no parity
Baud rates: 300 to 19200

POWER:

Line voltages: 115 or 230VAC
Frequency: 50/60Hz
Power consumption: 25W maximum

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

RATING/MATERIAL:

NEMA 4X FRP

WEIGHT:

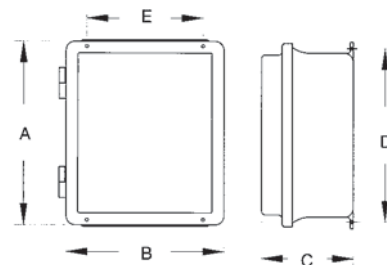
Approximately 17lb (7.2kg)

APPROVALS:

390HE: NTEP - at 10,000 Divisions, Class III/IIIL,
CC# 98-203A2.
Measurement Canada approved, AM-5300

WARRANTY:

Two-year limited warranty



DIMENSIONS			
A	10.50 in (267 mm)	D	10.00 in (254 mm)
B	8.50 in (216 mm)	E	8.00 in (203 mm)
C	6.00 in (152 mm)		