

SURVIVOR® 420HE

Hostile Environment Digital Weight Indicators



STANDARD FEATURES

- NEMA 4X Fiberglass-Reinforced Polyester (FRP) enclosure
- Bright, 2in LED display
- Universal mounting tabs (replaceable)
- Up to 60 updates/second
- Selectable display update rate
- Five button operation, environmentally protected mechanical switches
- Two communication ports, full duplex RS-232
- RATTLETRAP® vibration control

APPROVALS



Measurement
Canada
Approved

SPECIFICATIONS

EXCITATION VOLTAGE:

5VDC
Load current: 115 mA maximum
(8 x 350 Ω load cells)

ANALOG SIGNAL INPUT RANGE:

0.5 mV/V - 3.5 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 microvolts/graduations minimum

MEASUREMENT RATE:

60,30,15,7 1/2 updates second

SYSTEM LINEARITY:

Within 0.01% of FS

RESOLUTION:

Internal resolution: 8 million counts
Display resolution: Selectable up to 100,000dd

DISPLAY:

2 in (50 mm) LED 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 20 mA simplex
EDP Port: RS-232 full duplex
Baud rates: 300 to 38,400
7 or 8 data bits; even, odd or no parity

POWER:

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

DIGITAL INPUTS:

2 inputs, TTL or switch closure, active low

DIGITAL OUTPUTS:

2 outputs, 250 mA max sink

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

RATING/MATERIAL:

NEMA 4X FRP

WEIGHT:

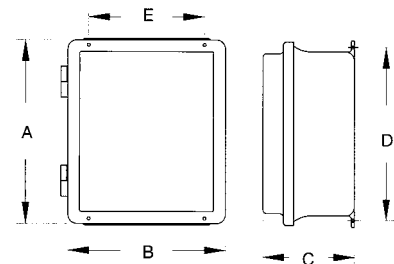
Approximately 18 lb (8.2 kg)

APPROVALS:

NTEP - certified at 10,000 Divisions, Class III/IIIL
CC# 04-076A5 Measurement Canada approved
AM-5554

WARRANTY:

Two-year limited warranty



DIMENSIONS			
A	12.50 in (317.5 mm)	D	14.94 in (379.4 mm)
B	10.50 in (266.7 mm)	E	10.00 in (254 mm)
C	8.28 in (210.3 mm)		

SURVIVOR® 420HE

Hostile Environment Digital Weight Indicators

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
87959.....	SURVIVOR 420HE 115VAC†.....	18lb	Consult factory
87960.....	SURVIVOR 420HE 230VAC†.....	18lb	Consult factory

OPTIONS/ACCESSORIES

30911.....	Additional mounting tabs (set of 4).....		Consult factory
92777.....	Filter, PreVent™ vent kit.....		Consult factory
87972.....	Additional operating manual.....		Consult factory

Primary Component Parts

87958.....	Board assembly, CPU.....		Consult factory
72996.....	AC power supply		Consult factory
87808.....	Board display, 2in LED		Consult factory
87971.....	Switch assembly, 6 pushbutton		Consult factory
87968.....	Front panel overlay.....		Consult factory

