



Sloped face model shown



STANDARD FEATURES

- Stainless steel NEMA 4X/IP66 washdown enclosure
- Large 0.75in (19mm) Vacuum Fluorescent Display (VFD) with 16 characters for operator prompting
- Selectable analog to digital measurement rate
- Five-point linearization calibration
- Four macros, 30 steps each, ability to interconnect macros with setpoints (macro can start batch setpoints)
- Eight digital inputs plus eight digital outputs
- 60 16-character/programmable fields for display prompts
- Power for eight 350 load cells or 16, 700 load cells
- Expanded 29-key alphanumeric keyboard
- Full alphanumeric keyboard for entering truck ID, numbering, prompts and more
- 300-ID truck in/out programs (six modes), seven characters
- Batching and continuous mode setpoint functions
- Programmable consecutive numbering
- Two communication ports: (1) EDP port, full duplex RS-232 or RS-485, (1) printer port, simplex RS-232 or 20 mA
- Operate, configure, and calibrate via two interfaces: panel (keyboard and display) or EDP serial command port (RS-232, RS-485)
- Six 300-character programmable output formats, independent transmission to EPD or printer port
- 300-character alphanumeric "title block" for custom printouts
- Completely menu driven
- Angled/sloped keypad for user comfort
- Time and date
- Accumulator

APPROVALS



SPECIFICATIONS

POWER:

Line voltages: 115 or 230 VAC
 Frequency: 50 or 60 Hz
 Power consumption: -100 mA @ 115 VAC (11.5 W) 50 mA @ 230 VAC (11.5 W)

LOAD CELL EXCITATION:

10VDC, 8 x 350 load cells or 16 x 700 load cells

ANALOG SIGNAL INPUT RANGE:

-0.5 – 4.5 mV/V (max)

RESOLUTION:

Internal resolution: - More than 1 million internal graduations
 External resolution: -100,000 displayed graduations

MEASUREMENT RATE:

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

ANALOG SIGNAL SENSITIVITY:

.3 μV with digital filters at 4

SERIAL PORTS:

Two ports, RS-232, full duplex. EPD Port has an additional RS-485 transceiver; RS-485 is used if an RS-485 address is configured. Printer Port simplex also has a 20 mA active transceiver

CIRCUIT PROTECTION:

RFI, EMI, ESD protection

SYSTEM LINEARITY:

Within 0.01% of FS

DIGITAL INPUTS/OUTPUTS:

8 digital inputs, 8 digital open collector outputs

DISPLAY:

Large 0.75in (19mm) Vacuum Fluorescent Display (VFD), 7-digit, 2 unit descriptors, 16 x 7 VFD dot matrix secondary display

KEYBOARD:

Full 29-key alphanumeric flat membrane panel

OPERATING TEMPERATURE:

Legal: 14°F to 104°F (-10°C to 40°C)
 Industrial: 14°F to 122°F (-10°C to 50°C)

RATING/MATERIAL:

NEMA 4X/IP66, stainless steel

WEIGHT:

Sloped: 7.4 lb (3.3 kg)
 Flat: 7.8 lb (3.5 kg)

APPROVALS:

NTEP - certified at 10,000 Divisions, Class III/III, CC#98-081;

Measurement Canada approved, AM-5253, Class III/IIIHD, III at 10,000 Divisions and IIIHD at 20,000 Divisions;

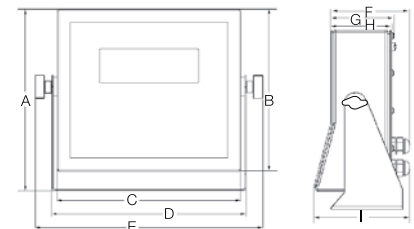
OIML approved, TC5678 rev. 1

CE marked

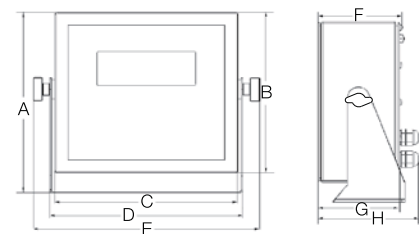
UL & C-UL listed

WARRANTY:

Two-year limited warranty



SLOPED FACE DIMENSIONS			
A	9.88 in (250 mm)	F	4.07 in (103 mm)
B	8.38 in (212 mm)	G	3.30 in (83 mm)
C	9.50 in (241 mm)	H	3.15 in (80 mm)
D	10.02 in (254 mm)	I	4.95 in (125 mm)
E	11.78 in (299 mm)		



FLAT FACE DIMENSIONS			
A	9.88 in (250 mm)	E	11.78 in (299 mm)
B	8.38 in (212 mm)	F	4.36 in (110 mm)
C	9.50 in (241 mm)	G	4.25 in (107 mm)
D	10.02 in (254 mm)	H	5.25 in (133 mm)



Regional Distributor

803, Riqqa Palace Building, Al-Maktum Ave. P.O.Box 181802 Dubai, UAE
 Tel.: +97 14 2270081 Fax: +97 14 2239962 rcsco@eim.ae www.rcs-co.com



Commitment Beyond Measurement®