



## 201 Weight Transmitter By Cardinal Scale Mfg.

### Specifications:

**Power Requirements:** 12-24 VDC @ 6w

**Listed Accessory:** The weight transmitter is intended to be used with Listed Information Technology Equipment.

**Enclosure Rating:** IP-20 DIN Rail 35mm, mounted in customers enclosure with optional remote display mounting.

**Operating Temperature:** 14 to 104 °F (-10 to +40 °C)

**Display Capacity:** Six digit, 7-segment, 0.5 inch high with separate annunciators, Over, Under and Accept backlight indicators

**Display Technology:** Transflective LCD with RGB LED backlight

**Load Cell Excitation:** 11.72 VDC

**Signal Input Range:** 0.5 mV min. to 35 mV max.

**Load Cell Connection:** 4 or 6 wire (remote excitation sensing)

**Minimum Cell Resistance:** 43.75 ohms (8 – 350 ohm cells)

**Division Value Commercial:** 1, 2, 5, 10, 20 or 50 x 10, 1, 0.1, 0.01, 0.001

**Division Value Non-Commercial:** 0 to 99

**Sensitivity:** 0.5 uV / scale division

**Resolution:** 10,000 divisions

**Sample Rate:** 1 to 200 samples per second, selectable

**Zero Range:** +/-2% to 100% full scale, selectable



**Units of Measure:** Pounds, Ounces, Kilograms, Grams

**Keys:** Pounds, Ounces, Kilograms, Grams

**Serial Interface:** Bi-directional software selectable RS232 (30ft/10m up to 19.2k baud) OR RS485 (3,300ft/1000m) 24 AWG shielded and twisted cable

**USB:** 5-pin mini USB device

**Ethernet:** 10/100 Ethernet (DHCP, TCP/IP, Embedded Web Page, Modbus TCP, Ethernet IP)

**Inputs:** 4 Isolated inputs, 12-24 VDC current sink

**Outputs:** 4 Isolated outputs, 12-24 VDC current sink

**Analog Input:** Software selectable Non-isolated 0-10 VDC or 4-20mA DC

**Analog Output:** (1) Non-isolated 0-10 VDC output (12 bit, 2k ohm min.) - (1) Non-isolated 4-20mA DC output (12 bit, 450 ohm max.)

**Approvals:** Class III NTEP and Class III Measurement Canada