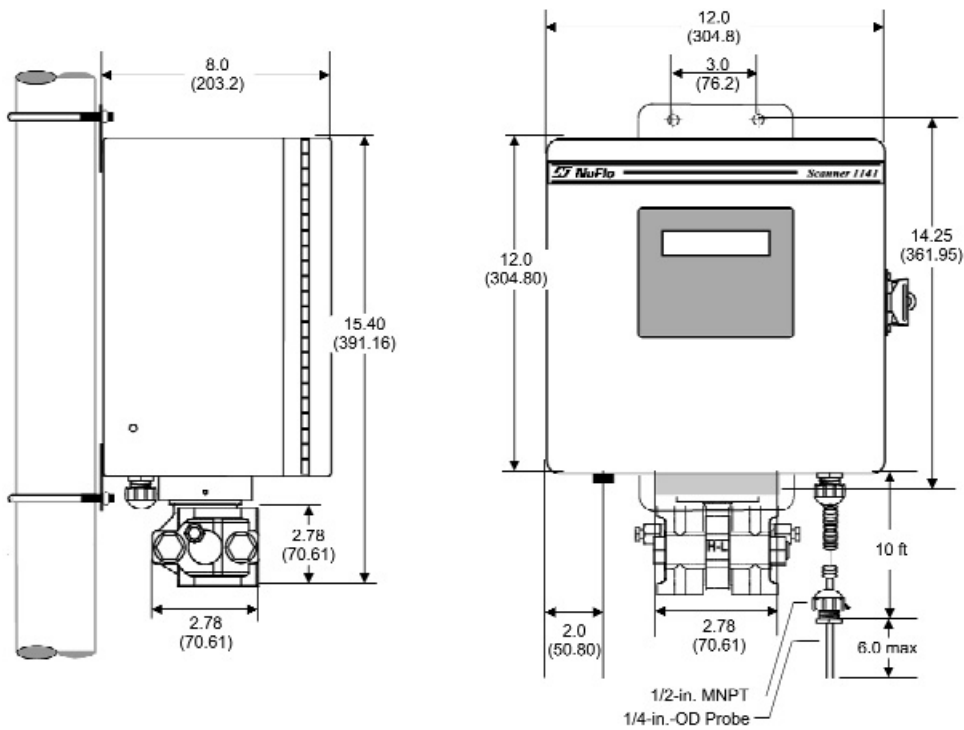
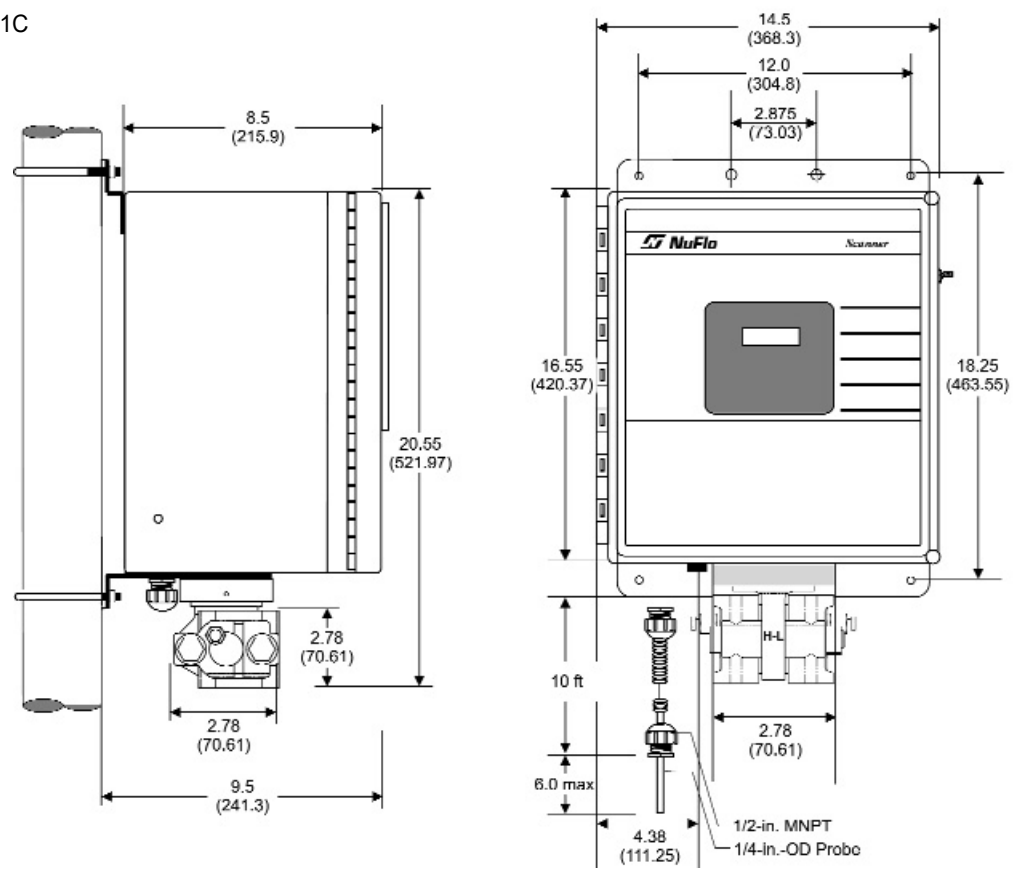


Scanner 1141 Dimensions

Scanner 1141L



Scanner 1141C



Scanner 1141 Specifications

Environmental	CSA certified for Class I, Division 2, Groups A, B, C & D (Radios, modems, relays and other accessories require special acceptance)	
	ATEX/CE, Zone 2 certification pending	
	Operating Temperature	Standard SLA battery -40°C to +40°C (-40°F to 104°F) High-temperature SLA battery -40°C to +60°C (-40°F to 140°F)
	Relative Humidity	0% to 95% non-condensing
Enclosures	1141L Enclosure 3 (NEMA 3)	Dimensions: 12 in. wide x 12 in. high x 8 in. deep Painted steel
	1141C Enclosure 4 (NEMA 4 or optional 4X)	Dimensions: 14 1/2 in. wide x 16 1/2 in. high x 8 1/3 in. deep Fiberglass-reinforced plastic
	1141G Enclosure	Dimensions: 9.6 in. wide x 10.1 in. high x 2.5 in. deep Chassis for mounting in other enclosures or cabinets
Computer	CPU speed:	7 MHz.
	Real-Time Clock:	Battery-backed time clock /calendar
	NVRAM:	2 flowruns of hourly history for 35 days each
	New application programs (firmware) can be loaded to the FLASH ROM using Scan Flash or Winsload utility programs on a Microsoft Windows® compatible PC. A memory backup battery powers the clock and maintains the contents of the memory for 1 year minimum with no power.	
Display	The "autoscroll" alphanumeric display provides quick access to current readings; parameters shown are user-assignable. The display can be activated by a push button on the main board, or it can be configured to always be on. The manual contrast adjustment is factory-set to optimize the display contrast and automatically adjusts for temperature variance. Backlighting is available on some hardware configurations. A jumper selection allows the user to turn only the backlight off or to turn the display off to conserve power.	
	Type	LCD, 2 line x 16 alphanumeric characters
	Viewable Area	99 x 24 mm (3.9 x 0.9 in.)
	Operating Temperature	-20°C to +70°C (-4° to 158°F)
	Storage Temperature	-40°C to +80°C (-40° to 176°F)
	System Board I/O Summary	The system board contains the central processing unit, FLASH EPROM memory, RAM, NVRAM, interface circuitry for the display, and up to four serial ports. The system board provides analog I/O and status/pulse I/O to support up to two natural gas or liquid flowruns with proportional/integral control.

Hazardous Location, Division 2

A02 Serial Port	Analog RTD Input	Analog Input	Pulse Input	Analog Output	Discrete I/O	Charge Controller	Transmitter Supply	Notes	Order Code
RS-232/TTL	0	0	0	0	2	10A	CL & 12VL		B1
RS-232/TTL	2	1 (2)	1	1	4	10A	CL & 12VL		M1
RS-232/485/TTL	2	2 (4)	2	1	4	10A Dual Stage	CL & 12VL Step-up	1, 2, 3	FL

- Notes: 1. Includes a configuration lock switch (Measurement Canada) and display backlighting capability.
2. Analog inputs have sockets on the main board for inserting precision resistors for 4-20 mA inputs.
3. 6V System power- low cutoff is 5.6V. Without low cutoff option, cutoff is 6V.

(CL) Current Limited Transmitter Supply:

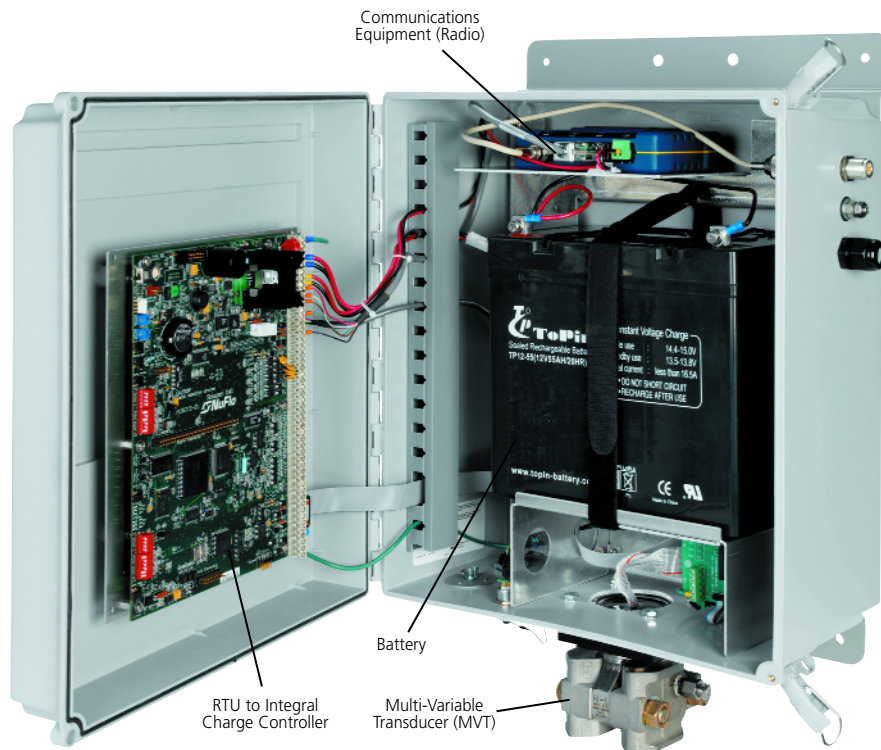
Current limited output that is powered from the battery or power input voltage (whichever is higher). Approximately 50 mA.

(12VL) 12V, 30 mA Voltage Limited Transmitter Supply:

Outputs the higher of the battery and power input voltages, from less than 0.25V to a maximum of 12V.

(12V Step-up) 12V, 30 mA Step-up Transmitter Supply:

Outputs 12V regardless of battery and power input voltages, recommended for 6V systems with 12V transmitters.



The 1141C and the 1141L offers integral radio, cellular, or dial-up modem capabilities.

RTU to Integral Charge Controller

Battery

Multi-Variable Transducer (MVT)