



PRODUCT CONFIGURATION

PRODUCT IDENTIFIER 1

RT40 = Flow Rate Totalizer with backlit large digit LCD, scalable pulse output and aluminum IP66 housing

ELECTRICAL ACCESS 2



- 1 = M16 x 1.5mm for Al housing female threaded conduit entry ports (sealed ports remain IP66/67 when not used)
- 6 = M16 x 3 drilled holes GRN housing only

FLOW INPUT TYPE 3

D = Digital (pulse or frequency)

POWER SUPPLY 4

0 = Self-powered (battery) or regulated 8-24 V (dc)

HOUSING TYPE 5

FA = Universal mount (field or panel) - aluminum housing

MA = Integral meter mount - aluminum housing*

FM = Universal mount (field or panel) - GRN housing

* Only order MA when retro fitting an instrument to OM series pulse meters

MECHANICAL OPTIONS 6

- P = Facia protector - for aluminum housing only (3 mm clear polycarbonate protection plate)



RT40 FLOW RATE TOTALIZER

The RT40 Flow Rate Totalizer LCD display is specifically designed for displaying flow rates and totals from flow meters with pulse, sine wave or frequency outputs. A robust aluminum housing and acrylic front cover makes it suitable for heavy duty use in mine sites and mobile applications. The instrument displays re-settable (batch) total, cumulative total and instantaneous flow rate in engineering units programmable by the user.

FEATURES / BENEFITS

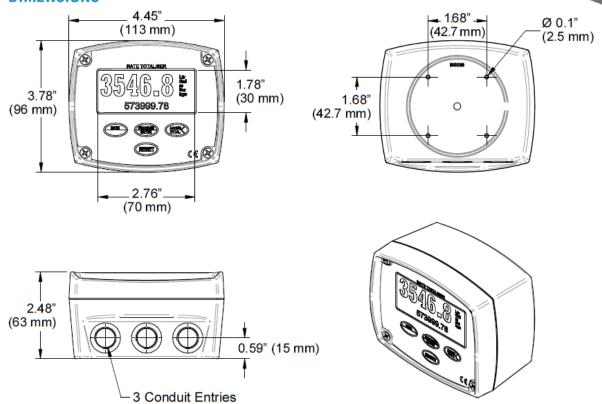
- Economic and robust LCD display suitable for mine sites and service truck installations
- Large backlit** LCD screen displaying 5-digit flow rate, 6-digit resettable total and 8-digit cumulative total
- Battery or externally powered; battery life span is 3 years, approximately**
- Robust IP65 (NEMA 4) Aluminum housing capable of being field or panel mounted
- Scaled pulse output**
- Universal inputs
- Reverse polarity protection
- Flowmeter and pipe mount kits available
- PIN protected programming with simple programming flowchart

SPECIFICATIONS

Display	Large backlit LCD 6-digit display with 8-digit secondary display line
Temperature Range	-4°F - +176°F (-20°C - +80°C)
Signal Input	Reed switch, Hall effect, Namur proximity detectors, voltage, current and coil (15mV P-P min)
Max. Input Frequency	Max. input frequency 5 kHz under external power. Maximum input frequency when not externally powered is 150 Hz
Signal Output	NPN transistor, scalable
Max. Output Frequency	20 Hz
Battery Power	3.6 V (dc), approximate 3 year life span
External Power	Regulated 8-24 V (dc) x 50 mA minimum
Protection Class & Body	IP65 (NEMA 4) Aluminium body
Mounting	Field, meter or panel mount
Engineering Units	Selectable Ltr, gal, m³, kgs, lbs (total). /s,/min,/hr or /day (rate)
Cable Entries	3 x M16 x 1.5

^{**}External power required for back light or pulse output features.

DIMENSIONS



M16 x 1.5