

RT40 SERIES



FLOWRATE TOTALIZER

The FLUIDEX® RT40 Flow Rate Totalizer LCD Display, designed explicitly to display flow rates and totals from flow meters that have pulse, sine wave, or frequency outputs. Its robust aluminum housing and acrylic front cover make it an ideal choice for heavy-duty use in mining sites and mobile applications. The device comes with user-programmable features, such as engineering units for re-settable (batch) total, cumulative total, and instantaneous flow rate, making it a versatile and adaptable tool.



SPECIFICATIONS

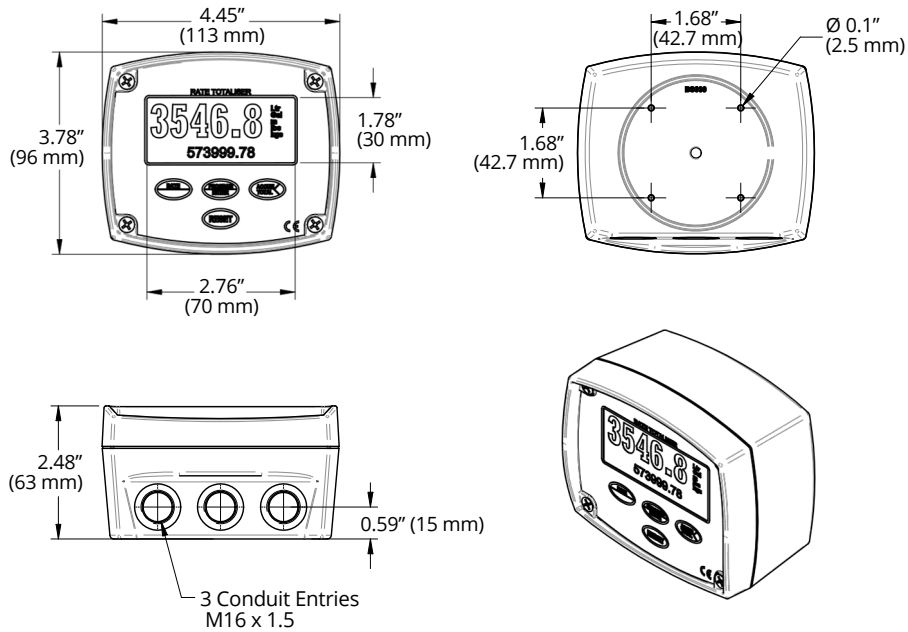
Model	RT40
Display	Large backlit LCD 6-digit with 8-digit secondary display line.
Temperature Range	-20°C - +80°C (-4°F - +176°F)
Signal Input	Reed switch, Hall effect, Namur proximity detectors, voltage, current and coil (15mV P-P min)
Max. Input Frequency	Max. input frequency 5 kHz under external power. Maximum input frequency when not externally powered is 150 Hz
Signal Output	NPN transistor, scalable
Max. Output Frequency	20Hz
Battery Power	3.6 V (dc), approximate 3 year life span
External Power	Regulated 8-24 V (dc) x 50 mA minimum
Body	Aluminium
Protection Class	IP65 (NEMA 4)
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



FEATURES

- Durable and economical LCD display ideal for mining locations and service trucks.
- Large backlit LCD screen showcasing 5-digit flow rate, 6-digit resettable total as well as 8-digit cumulative total. (Require external power)
- Battery-powered or externally powered, with an average battery lifespan of 3 years.
- Robust IP65 (NEMA 4) Aluminum housing that can be installed in the field or on a panel.
- Scaled pulse output is available. (Require external power)
- Universal inputs are supported.
- Reverse polarity protection is incorporated.
- Flowmeter and pipe mount kits are readily available.
- PIN protected programming with a simplified programming flow-chart.

DIMENSIONS



CONFIGURATION AND ORDER CODE

1	Series	
	RT40	Flow rate totalizer with backlit large digit LCD, scalable, pulse output and aluminium IP66 Housing
2	Electrical Access	
	1	M16 x1.5mm for Al housing female threaded conduit entry ports (Sealed ports remain IP66/67 when not used)
3	Flow Input Type	
	D	Digital (Pulse or Frequency)
4	Power Supply	
	0	Self-powered (battery) or regulated 8-24 Vdc

5	Housing Type	
	FA	Universal (Field or Panel) - Aluminium Housing
	MA	Integral Meter Mount (Aluminium Housing) (To be ordered when retro fitting an instrument to OGF meters)
6	Mechanical Option	
	P	Facia Protector (For Aluminium housing only) (3mm clear Polycarbonate protection plate)

EXAMPLE

1	2	3	4	5	-	6
RT40	1	D	0	MA	-	P

