

A rate meter and totaliser, ideal for flow rate monitoring of transmitters and sensors with mA output.

- › **Highly versatile 0/4–20mA input**
- › **Ideal for use in conjunction with a transmitter** 24V excitation to power a 2/3 wire input loop
- › **Dual totalisers** With programmable low flow cutoff and rollover
- › **Input signal averaging** Reduces noise and optimises stable measurement
- › **Easy to scale** Using low and high display values



- › **Up to 4 setpoints**
- › **Optional 4–20mA or 0–10V analog output**
- › **Optional RS232/RS485 serial port**

Specifications

Input signal Current (0/4–20mA)

Power supply HV (85–265V AC / 95–370V DC) or LV (15–48V AC / 10–72V DC)

Display 1 x 6 digit (13mm), 14 segment alphanumeric LED. 5 buttons, 6 setpoint indicator LEDs

Panel mount case 48H x 96W x 120D (mm)

Relay outputs (Optional) 2 or 4 x 5A form A (3A 240V AC max or 3A 30V DC max)

Analog output (Optional) 1 x isolated 16 bit 4–20mA/0–10V. Window programmable over any range within the full scale range of the controller

Serial port (Optional) Isolated RS232 (RJ11) or RS485 (screw terminal). Custom ASCII / Modbus RTU slave / Ranger A

Flow rate /sec, /min or /hour

Flow resolution Displays in Litres by default - easy to scale to 1/10/100ml

Dual totalisers Reset via front panel or rear pins. Individually programmable for low flow cutoff and rollover. Volumetric pulse on Total 2

Totaliser resolution x0.1/1/10/100/1000

Excitation 24V DC (50mA max)

Sampling rate 10Hz

Resolution 16 bit

Noise rejection 50/60Hz

Accuracy 0.05% of reading

Temperature drift 50ppm/°C typical

Security Input and setpoint setups are independently accessible and PIN protected

Order code: TEX-TOTAL

-HV 85–265V AC / 95–370V DC

-LV 15–48V AC / 10–72V DC

Options

-R2 2 x relay outputs

-R4 4 x relay outputs

-A 1 x mA/V analog output

-S2R 1 x RS232 serial (RJ11)

-S4S 1 x RS485 serial (screw terminal)

E.g. Order TEX-TOTAL-LV, TEX-TOTAL-HV-R4-A-S2R

