

Trumeter Shunt & CT Meters

- Large 4 digit main display
- Alphanumeric display for units, alarm or custom message
- 40 segment curved bargraph
- Dynamic backlight color
- Optional digital & analog outputs
- USB setup software



APM ▲



Two programmable setpoints can trigger the display to change color, flash, change annunciator message or all three at once. Trip when input is above, below, between or outside the setpoints.

SPECIFICATIONS

	SHUNT	CT
Input Range:	0 - 1V DC	0 - 5A AC
with CT or Shunt:	10,000A	10,000A
Input Impedance:	1MΩ	CT rated
Accuracy:	0.1% of signal or 0.5mV	0.5%
Main Display:	4 digits, 12mm [0.47"] high	
Annunciator Display:	4 alphanumeric characters, 6mm [0.23"] high	
Backlight Colors:	Red, Green, White (user selectable)	
Positive LCD Display:	Black scale on white or colored background	
Negative LCD Display:	White or colored scale on black background	
Programmable Items:	Digital display offset, gain, range; Bargraph span; Custom annunciators; Backlight color & intensity; Two alarm setpoints; Digital & analog outputs	
Setup:	Rear panel dip switch for standard configurations, USB 2.0 port for custom settings	
Free Software:	Windows based APM Configurator application	
Temperature:	-10 to +60°C operating	
Front Protection:	IP65, NEMA 4, NEMA 12	
Power Supply:	12-24 VDC ±10%	
Output Models:	Two independent analog/digital outputs	
Max Voltage:	24V	
Max Current:	50mA	
Analog Output:	4-20mA	
Certification:	UL and cUL, CE	
Dimensions:	72x72x53mm. Panel cutout 68x68mm	

ORDERING INFORMATION

APM-SHUNT-APO	APM Shunt Meter, Positive LCD with Outputs*
APM-SHUNT-ANO	APM Shunt Meter, Negative LCD with Outputs*
APM-CT-APN	APM CT Meter, Positive LCD
APM-CT-APO	APM CT Meter, Positive LCD with Outputs
APM-CT-ANN	APM CT Meter, Negative LCD
APM-CT-ANO	APM CT Meter, Negative LCD with Outputs
022128-01	USB Cable

*Shunt models are non-isolated - for low side DC applications only

NEW

Trumeter Rate Meter

- User selectable scale & gain
- 1% basic accuracy
- Large 4 digit numeric display
- 40 segment bargraph display
- Alphanumeric annunciator
- Dynamic backlight color
- 2 user configurable alarms
- 2 independent outputs
- 4-20mA analog output
- Front panel or USB setup
- Free setup software



APM-RATE



The Advanced Panel Meter (APM) Rate Meter was developed for use in flow applications, production lines and motor speed monitoring. It combines the instant visual representation of an analog meter with the speed and accuracy of a digital meter. The unique display is viewable in most environmental conditions and features a programmable scale and color changing backlight for instant recognition and precision measurement.

The APM improves safety and efficiency through user programmable alarm set-points, dynamic backlighting and starburst messaging that alerts operators of changing conditions instantly. It features digital and analog outputs to communicate with other components in a system, IP65 and NEMA type 4 and 12 ratings and an industry leading three-year warranty.

SPECIFICATIONS

Measurement Input:	
Max Frequency:	0 - 60 kHz
Min Frequency:	0.001 Hz
Logic 0:	< 1.2V
Logic 1:	> 2.0V
Accuracy:	±0.01%
Working Voltage:	36 VDC max. (input-COM)
Temperature:	-10 to +60°C operating
IP Rating (front):	NEMA 4X & 12 with IP65
Power Supply:	12-24VDC (nominal)
Display Update Time:	0.1 to 999.9 seconds
Scaling Factor:	-100 to 1990x10
Bar Display:	40 segment
Display Digits:	4 Numeric, 12mm [0.47"] high
Annunciator Digits:	4 Alphanumeric, 6mm [0.23"] high
Backlight Colors:	Red, Green, White
LCD Display:	Positive or Negative
Digital Output:	34V max, 500mA max
Analog Output:	4-20mA
Certification:	UL and cUL, CE
Connections:	Plug-on screw terminals
Dimensions:	72x72x53mm. Panel cutout 68x68mm

ORDERING INFORMATION

APM-RATE-APO	APM Rate Meter, positive LCD
APM-RATE-ANO	APM Rate Meter, negative LCD
022128-01	USB Cable