

# Single- and Dual-Line Panel Meters for Voltage, Current, Process, Temperature, and Strain Gauges

## Field upgradeable for maximum flexibility and affordability

The PAX® panel meters offer many features and performance capabilities to suit a wide range of industrial applications. The meters handle various analog inputs, including DC voltage/current, AC voltage/current, process, temperature, and strain gage. The signal totalizer (integrator) can be used to compute a time-input product. This provides a read-out of totalized flow and calculates service intervals of motors or pumps. The totalizer can also accumulate batch weighing operations.

Field installable plug-in cards allow you to configure the meter for existing applications, while providing easy upgrades for future needs. The PAX meters accept up to three plug-in cards; one to provide relay set point output, one to provide communications output, and one to provide an analog output.

PAX single-line panel meters employ a bright red 0.56" LED display. The intensity of the display can be adjusted for dark room applications up to sunlight readable, making it ideal for viewing in almost all applications.

The dual-line PAX2 delivers an ideal solution for applications that require two parameters to be viewable at the same time. The main display line offers three programmable colors (red, orange, and green) that can be set up to change colors based on preset alarm conditions providing a quick visual indication. A second green display line indicates parameters such as flow or batch totalization.

- Built-in USB programming port
- Easy PAX-style programming
- Field-installable option cards
- Programmable units
- NEMA 4X/IP65 front panel—designed for harsh industrial environments



30018-86



68495-99

### SPECIFICATIONS

Model No.	PAX single display	PAX2 dual display
Display	Five digit, 0.56" (14.2 mm) red LED; variable intensity; sunlight readable	Six digit, 0.71" (18 mm) programmable tri-color LCD; Nine digit, 0.35" (8.9 mm) green LCD
Dimension (W x H)	3 7/8" x 1 19/20" (97 x 50 mm)	3 7/8" x 1 19/20" (97 x 50 mm)
Optional card slots	Up to three	Up to three
Rating	NEMA 4X/IP65 (front)	NEMA 4X/IP65 (front)

Catalog No.	Model No.	Input capability	Display type	Power	Plug-in card compatibility			
					Set point	Comms	Analog	
TS-68495-99	PAXD0000	DC voltage/current	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes	
TS-68496-00	PAXD0010	DC voltage/current	1/8 DIN, single display	11 to 26 VDC / 24 VAC	Yes	Yes	Yes	
TS-65600-09	PAXP0000	Process signal: 0 to 20 mA, 0 to 10 VDC	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes	
TS-65600-09	PAXP0010	Process signal: 0 to 20 mA, 0 to 10 VDC	1/8 DIN, single display	11 to 26 VDC / 24 VAC	Yes	Yes	Yes	
TS-65600-09	PAXT0000	Thermocouple/RTD	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes	
TS-65600-02	PAXT0010	Thermocouple/RTD	1/8 DIN, single display	11 to 26 VDC / 24 VAC	Yes	Yes	Yes	
TS-68496-20	PAXS0000	Strain gauge	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes	
TS-68496-21	PAXS0010	Strain gauge	1/8 DIN, single display	11 to 26 VDC / 24 VAC	Yes	Yes	Yes	
TS-30018-90	PAX2S000	Strain gauge	1/8 DIN, dual display	40 to 250 VAC and 21.6 to 250 VDC	Yes	Yes	Yes	
TS-65600-16	PAXH0000	AC voltage/current	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes	
TS-30018-86	PAX2A000	DC current/voltage, process signals, thermocouples, RTDs	1/8 DIN, dual display	40 to 250 VAC and 21.6 to 250 VDC	Yes	Yes	Yes	

**Optional field-installable plug-in cards (3 cards per meter; one of each different type). See full listing of plug-in cards on page 786.**

TS-65600-11	PAXCDS10	Dual set point relay output card						
TS-65600-85	PAXCDC50	Profibus-DP communications card						
TS-65600-86	PAXCDL10	Analog output card (0 to 10 VDC or 4 to 20 mA)						
<b>Accessories</b>								
TS-17100-18	—	NIST-traceable calibration with data for panel meters						