

Single- and Dual-Line Panel Meters for Counters, Rate Indicators, and Timers

Accept digital inputs from switch contacts, CMOS or TTL circuits, magnetic pickups, and all standard RL

The PAX® panel meters offer many features and performance capabilities to suit a variety of industrial applications. The meters accept a wide range of digital inputs and can accept directional, uni-directional or quadrature signals simultaneously. The maximum input signal varies up to 34 kHz (50 kHz for PAX2D) depending on the count mode and function configurations programmed. Each input signal can be independently scaled to various process values.

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.

PAXI 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 PAX2D delivers an ideal solution for applications that require two parameters to be viewed 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. The second green display line indicates secondary count and/or rate.

- Field-installable option cards
- Built-in USB programming port
- Programmable units
- 0-point scaling for nonlinear processes
- Min/Max reading with programmable capture rate
- NEMA 4X/IP65 rating—designed for harsh industrial environments



30008-88



68486-01

SPECIFICATIONS

Model No.	PAXI	PAX2D
Display	Five digit, 0.56" (14.2 mm) red LED, selectable intensity level	Six digit, 0.7" (17.8 mm) programmable tri-color LCD; Nine digit, 0.35" (8.9 mm) green LCD
Dimension (W x H)	3 3/8" x 1 1/20" (97 x 50 mm)	3 3/8" x 1 1/20" (97 x 50 mm)
Optional card slots	Up to three	Up to three
Rating	NEMA 4X (front panel) / IP65	NEMA 4X (front panel) / IP65

Catalog No.	Model No.	Input capability	Display type	Power	Plug-in card compatibility				
					Set point	Comms	Analog		
TS-61610-10	PAXI0020	Counter/rate indication input	1/8 DIN, single display	85 to 250 VAC	Yes	Yes	Yes		
TS-61610-11	PAXI0030	Counter/rate indication input	1/8 DIN, single display	11 to 36 VDC / 24 VAC	Yes	Yes	Yes		
TS-30018-88	PAX2D000	Counter, dual counter, rate, dual rate, slave display	1/8 DIN, dual display	40 to 250 VAC and 21.6 to 250 VDC	Yes	Yes	Yes		
Optional plug-in cards (3 cards per meter, one of each different type)									
TS-65600-11	PAXCDS10	Dual set point relay output card							
TS-65600-88	PAXCDS20	Quad set point relay output card							
TS-65600-89	PAXCDS30	Quad set point sinking open collector (NPN) output card							
TS-65600-90	PAXCDS40	Quad set point sourcing open collector (PNP) output card							
TS-68495-95	PAXCDC10	RS-485 serial communications card							
TS-65600-80	PAXCDC20	RS-232 serial communications card							
TS-65600-82	PAXCDC30	DeviceNet communications card							
TS-68495-96	PAXCDC1C	Extended RS-485 communications card							
TS-65600-81	PAXCDC2C	Extended RS-232 communications card							
TS-65600-85	PAXCDC50	Profibus-DP communications card							
TS-65600-83	PAXCDC40	MODBUS option communications card							
TS-65600-86	PAXCDL10	Analog output card (0 to 10 VDC or 4 to 20 mA)							
Accessories									
TS-171000-18	—	NIST-traceable calibration with data for panel meters							