

- **Easy single-button scaling with lockout feature**
- **4-20mA, 1-5V, 0-5V or 0-10V field-selectable inputs**
- **24V transmitter power supply standard**
- **Steady, accurate display to $\pm 199,990$**
- **4 $\frac{1}{2}$ digit and extra zero**
- **NEMA 4X front panel**
- **Two relay-output options**

The new Ashcroft® Digital Panel Meter 2269 is a high-performance, easy-to-use industrial-grade micro-processor digital process meter. It accepts all the standard process signals: 4-20mA, 1-5V, 0-5V and 0-10V from transmitters and transducers, and displays these signals in engineering units on a 4 $\frac{1}{2}$ digit display. The display includes an extra zero which may be used to handle numbers up to 199,990.



SPECIFICATIONS

Inputs:

Field-selectable 4-20mA, 1-5V, 0-5V, 0-10V

Display:

Bright, large, 0.56" (14.2mm) high efficiency red or green LED. 4 $\frac{1}{2}$ digits + extra zero; $\pm 19999(0)$, (0) may be switched on to display 199,990

Front Panel:

NEMA 4X, panel gasket provided

Calibration Range:

4mA, (1V) input may be set to display anywhere in range of meter. 20mA (5V) input may be set anywhere above or below 4mA input

Lockout:

Jumper 3 at rear of instrument restricts modification of calibration values

Loop Power:

Isolated 24 Vdc at 20mA regulated. Noise less than 10mV p-p. Max. loop resistance of 1200 ohms

Hold Reading:

Connect terminals HLD and COM

Accuracy:

$\pm 0.05\%$ of calibrated span

Input Impedance:

Voltage ranges, greater than 100k ohms.
Current range, 100 ohms

Power:

115 Vac or 230 Vac $\pm 10\%$, 50/60 Hz, 10 VA

Environmental:

Operating temperature range: -10°C to $+65^{\circ}\text{C}$
Storage temperature range: -40°C to $+75^{\circ}\text{C}$
Relative humidity: 0 to 90% noncondensing

Enclosure:

1/8 DIN, ABS plastic, UL 94V-0

Connections:

Removable screw terminal block (provided)

Alarm Points:

Two, any combination of high or low alarms

Alarm Status Indication:

Front panel LED

Alarm Deadband:

0-100%, user selectable

2269 AT PANEL METER WITH ALARM BOARD OPTION SPECIFICATIONS

Rating:

2 relays; 2 amp SPDT (form C). The contacts are rated 2 amp @ 30 Vdc or 2 amp @ 250Vac resistive load; 1/14 hp @ 125/250 Vac for NC contacts and 1/10 hp @ 125/250 Vac for NO contacts, inductive load

Reset:

User selectable

1. Automatically when the input passes the reset point
2. Automatically + manually (via user-supplied switch or front panel ACK button)

Failsafe Operation:

The relay coils are energized in the nonalarm condition. In the case of a power failure, the relays will go to the alarm state

Auto Initialization:

When power is applied to the meter, the relays will always reflect the state of the input to the meter

Deadband:

0-100%, user selectable

TO ORDER THIS TYPE 2269 DIGITAL PANEL METER:

Select	2269	A	—	XK4	Complete Type Number
1. Type—Ashcroft Digital Panel Meter	_____	_____	_____	_____	
2. Supply Voltage—A=110 Vac	_____	_____	_____	_____	
B=220 Vac	_____	_____	_____	_____	
3. Alarm Board/Screw terminal Conn.—	_____	_____	_____	_____	
— = None					
T = Alarm Board w/screw terminal Conn.					
4. Variations—XJ6=Factory Set Alarm (1)	_____	_____	_____	_____	
XK4=Factory Calibrated meter (2)	_____	_____	_____	_____	

Note 1: When ordering XJ6 also specify XK4. Supply the meter range and the high and low setpoints.

Note 2: Calibrated range must be specified when ordering.

Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com