NASHCROFT

Digital Panel Meter 2269 with Alarm Board Option

- Easy single-button scaling with lockout feature
- 4-20mA, 1-5V, 0-5V or 0-10V fieldselectable inputs
- 24V transmitter power supply standard
- Steady, accurate display to ±199,990
- 41/2 digit and extra zero
- NEMA 4X front panel
- Two relay-output options

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. $4^{1/2}$ digits + extra zero; $\pm 19999(0)$, (0) may be switched on to display 199,990

Front Panel:

NEMA 4X, panel gasket provided

Calibration Range:

4 mA, (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

The new Ashcroft[®] Digital Panel Meter 2269 is a high-performance, easy-to-use industrial-grade microprocessor 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 4¹/₂ digit display. The display includes an extra zero which may be used to handle numbers up to 199,990.

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 $+65^{\circ}$ C Storage temperature range: -40° C to $+75^{\circ}$ 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

NASHOROFT

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:

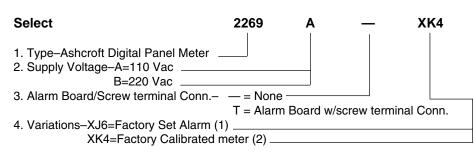
When power is applied to the meter, the relays will always reflect the state of the input to the meter

Complete Type Number

Deadband:

0-100%, user selectable

TO ORDER THIS TYPE 2269 DIGITAL PANEL METER:



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.



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