PCD100 series process display meters

Solves these common problems:

- Can only access sensor data via control system
- Inability to program alarm limits or other parameters in the field
- Need for multiple meters for different inputs

Features	Benefits	Value
Accepts the most common process automation inputs (current, voltage, thermocouple, RTD)	Ideal for large process control systems which need to monitor multiple parameters simultaneously	Versatility
		Doesn't require experts in vibration analysis
	Compatible with 4-20mA vibration sensors	Reduces cost of adding vibration monitoring
Customizable, red LED 4-digit localized display	Can be programmed via front panel or remotely with included DisplayMate software	Simple and easy to configure
	Useful in applications where visual-only operating conditions are needed	Direct access to data in the field
Programmable via front panel or remotely	Meter can be modified in the field, copied from another meter, or individually programmed before use	Programming flexibility
Multiple options for powering, output, and relays	Meter can function as a standalone display and/or connect to plant infrastructure, allowing easy access to data	Reduces equipment costs
	Can provide 24 VDC power to the transmitter's 4-20mA signal, eliminating the need for redundant cable runs	
	Users can select the meter most suited to the application	Cost-efficiency
NEMA 4X / IP65 front panel	Dust-tight and protected from water jets, prevents contamination in industrial settings, high reliability	Durability, reduces replacement costs

Typical users

- Process automation specialists
- Instrumentation engineers
- System engineers
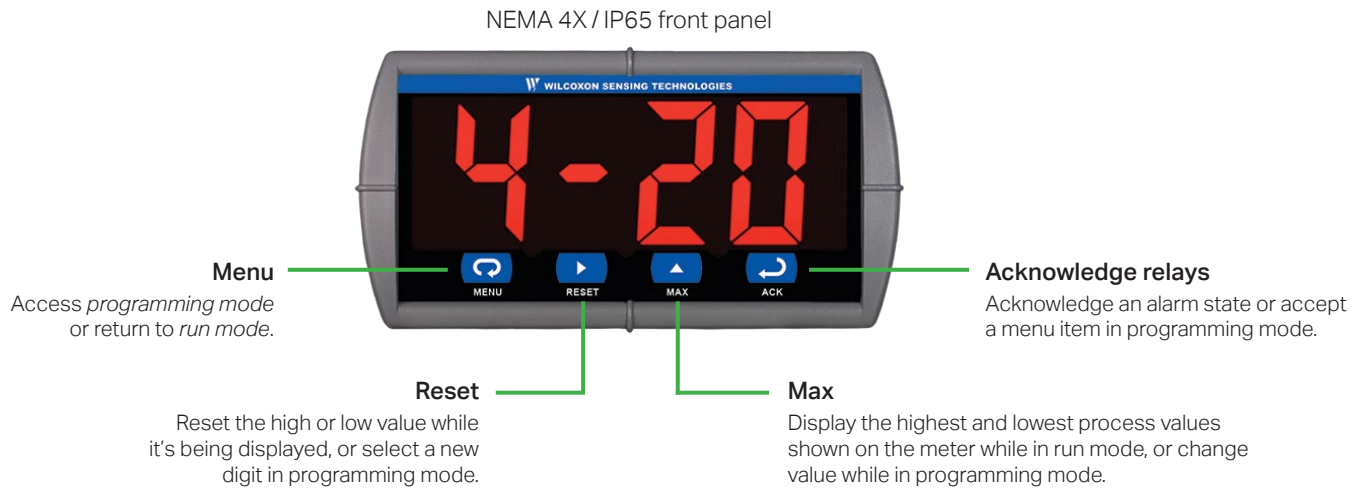- Reliability engineers

Ideal markets and applications

- Oil and gas
- Chemical processing
- Pharmaceutical
- Food & beverage processing
- Process monitoring
- Manufacturing
- General condition monitoring

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Programmable front panel display

NEMA 4X / IP65 front panel

Menu
Access *programming mode* or return to *run mode*.

Reset
Reset the high or low value while it's being displayed, or select a new digit in programming mode.

Max
Display the highest and lowest process values shown on the meter while in run mode, or change value while in programming mode.

Acknowledge relays
Acknowledge an alarm state or accept a menu item in programming mode.

Models available

Ordering information		
85-265 VAC	**12-36 VDC**	**Options installed**
PCD100-265-B-N-0	PCD100-24-B-N-0	none
PCD100-265-B-N-200		24 VDC transmitter supply
PCD100-265-B-2R-0	PCD100-24-B-2R-0	2 relays
PCD100-265-B-2R-200		2 relays + 24 VDC transmitter supply
PCD100-265-B-420-0	PCD100-24-B-420-0	4-20 mA output
PCD100-265-B-420-200		4-20 mA output + 24 VDC transmitter supply
PCD100-265-B-420-240		4-20 mA output + dual 24 VDC transmitter supplies
	PCD100-24-B-2R420-0	2 relays + 4-20 mA output
PCD100-265-B-R420-200		2 relays + 4-20 mA output + 24 VDC transmitter supply