Plug On Display
POD

"Quality Matters"



Introduction

The POD series is a universal 4 digit LED plug-on display for transmitters with 4-20mA 2 wire output and fitted with DIN43650 connector. The plug-on display simply fits between the transmitter plug and connecting cable socket and is powered from the 4-20mA current loop signal of the transmitter. No additional power is required.

Display settings are stored in non-volatile EEPROM, and can be easily modified through the menu using two programming buttons. Calibration parameters (zero, span, decimal point position, filter, and set-point level) can all be reprogrammed and stored and retained when power is removed. The display assembly inside the enclosure can be rotated through 90º steps, which will suit any mounting angle and simply installation.

CE

Specifications

- Display: 4 digit red LED display, 7mm digit height.
- Display output range: -999 to 9999
- Input signal: 4-20mA, 2 wire current loop.
- Display calibration: Factory set to display 4.00 to 20.00 for 4-20mA input.
- Accuracy: 0.2% of full-scale input +/- 1 digit
- Power supply voltage: Requires 5 V or less from loop supply.
- Allowed loop current: Maximum 60mA. Above this automatic circuit protection is activated.
- Display sampling rate: 300mS to 25.5 S, adjustable filter setting from menu.
- Open drain switch output: Model number
- Programming: Via two press buttons, menu assisted. Access to the programming buttons is made by removing front cover.
- Menu selection: Zero adjustment: -999 to 9999
  Span adjustment: 0 to 9999
  Decimal point: 3 positions or off
  Filter: 0.3 to 25.5 second
  Over-range: On/Off
  Set point: -999 to 9999
  Set point direction: Up/Down
  Settings stored in Non-volatile EEPROM
- Error messages: When over-range option is selected:
  'HI' is displayed when input is above 20mA 'LO'
  is displayed when input is less than 4mA
  when over-range option is off:
  'ErC6' is displayed when range -999 to 9999 is exceeded.
- Temperature range: Operating: - 10°C to + 60°C
  Storage: - 30°C to + 80°C
- Case material: Moulded ABS plastic, Red Acrylic display widow, Nitrile seal.
- Ingress protection type: Splash-proof, enclosure sealed to IP65
- Electrical connection: Plugs directly onto transmitters with 4-20 mA. Output and right-angle DIN 43650 (3-pin +earth) connector plug.

Options

- Mounting with PCI series transmitter

How to order

Please specify: model
Example: POD

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