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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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Cert. No. QMS0720020347

MODEL AS4 4-20mA Input and Repeater with Display and Alarms

THE INSTRUMENT

Model AS4 is a unique instrument which accepts a 4-20mA signal from a three wire transmitter or sensor. It allows scaling of the display from a large variety of ranges and resolutions as permitted by the 4 digit LED display. It outputs a 4-20 mA signal for onward processing in relation to the display readings. It provides 3 alarms with corresponding relay contacts. Any sensor is user provided.

FEATURES

- 3 Key easy operation for all parameter settings
- Accepts a 4-20mA input signal
- Retransmission of 4-20mA
- Aluminum Enclosure with glass view port
- User settable Alarms for threshold, Activation point, Delay, Hysteresis, and Fail –safe mode, Latching/ auto-reset
- Alarm 3 can be configured for fault
- User can calibrate or scale input as well as output current.
- Confidence flash provided
- Remote Acknowledge possible, terminals provided.
- Low cost and robust.
- Resettable fuses for over current protection

APPLICATIONS

Used to connect to any 4-20mA transmitter for providing Display of parameter values and also provide retransmission of signal along with full alarm indication and potential free relay contacts. Either C-NO or C-NC user selectable

STANDARD SPECIFICATIONS

Display : 4 digit LED 10mm high
 Ranges : 0-2, 0-5, 0-10, 0-20, 0-25, 0-50, 0-100, 0-200, 0-500, 0-1000, 0-1500, 0-1-000
 Resolution : No DP, 000.0, 00.00, 0.000

ENHANCE THE UTILITY OF YOUR 3 WIRE TRANSMITTERS WITH THIS DISPLAY AND ALARMS INTERMEDIATE MODULE



TECHNOVATION[®] MODEL AS4

Specifications Continued

Accuracy : $\pm 1\%$
 Power Supply : 18-24 VDC
 Calibration : Use of calibrated mA meter OR 4 to 20 mA source
 MOC : Aluminum with Glass view port
 Connection : Via M 20 OR optionally 3/4" UNF Threads. Specify in order.
 Size : 120x120x100 mm
 Current Out : Maximum 250 mA
 Weight : 500 Grams
 Alarm : Three visual alarms, user settable throughout the range
 Alarm Relay : One C-NO OR C-NC contact of 50VA rating provided for each setpoint
 Working Temp. : 0 to 45°C
 Input Load : 100 Ohms resistance
 Output Load : Max 500 Ohms resistance