

TEMPERATURE TRANSMITTER

TEMPERATURE TRANSMITTER, WITH FLAMEPROOF FIELD MOUNTED ENCLOSURE



A10TTI1FMFPA



PRODUCT CODE: A12TTI1FMFPA

TEMPERATURE TRANSMITTER INDICATOR

POWER SUPPLY: 24VDC, INPUT: 3-WIRE RTD / THERMOCOUPLE,

OUTPUT: 4-20mA, RELAY: 2 POTENTIAL-FREE

ENCLOSURE: IP67, FLAMEPROOF CAST ALUMINIUM



KEYBOARD BENEATH COVER



ACCESS TO CONNECTORS
BELOW KEYBOARD

TECHNICAL SPECIFICATIONS: TEMPERATURE TRANSMITTER INDICATOR CUM CONTROLLER WITH FLAMEPROOF FIELD MOUNTED ENCLOSURE OR FIELD MOUNTED ABS PLASTIC ENCLOSURE

- **POWER SUPPLY:** 24VDC
- **ENCLOSURE:**
 - FIELD MOUNTED, IP67, FLAMEPROOF, CAST ALUMINIUM
 - **CABLE GLANDS:** SS DOUBLE COMPRESSION
- **RTD MODE:** 3-WIRE RTD Pt-100
 - **INPUT: 16-BIT ANALOG INPUT (SELECT RTD FROM KEYBOARD):**
 - RANGE: ANY RTD Pt-100 RANGE BETWEEN -100°C TO 200°C CAN BE ORDERED
 - **OUTPUT: 12-BIT ANALOG OUTPUT:**
 - 4 - 20MA LINEARIZED RTD OUTPUT (IN RTD MODE)
- **TC MODE:** K TYPE (DEFAULT)
 - J TYPE / S TYPE / T TYPE / R TYPE / B TYPE SELECTABLE FROM KEYBOARD
 - **INPUT: 16-BIT ANALOG INPUT (SELECT TC FROM KEYBOARD):**
 - RANGE: AS PER THERMO COUPLE TYPE'S STANDARD RANGE DEFAULT IS K TYPE
 - **OUTPUT: 12-BIT ANALOG OUTPUT:**
 - 4 - 20MA COLD JUNCTION COMPENSATED THERMOCOUPLE OUTPUT (IN TC MODE).
- **CALIBRATION:**
 - **KEYBOARD:** PROVIDED ON THE FACIA FOR CALIBRATION AND TUNING
- **DISPLAY**
 - 4-DIGIT 7-SEGMENT LED DISPLAY OF SCALED PROCESS VARIABLE
 - LED FOR ALARMS
- **POTENTIAL-FREE RELAY OUTPUT: CONTACT CURRENT RATING: 2 AMPS @230VAC**
 - 2 RELAYS
 - RELAY OUTPUT CAN BE PROGRAMMED FROM THE KEYBOARD, AS HIGH ALARM (TRIGGERS WHEN THE PROCESS VARIABLE RISES ABOVE THE ALARM SETPOINT) OR LOW ALARM (TRIGGERS WHEN THE PROCESS VARIABLE DIPS BELOW THE ALARM SETPOINT).
 - TIME PROPORTIONATE PID SINGLE RELAY OUTPUT SELECTABLE FROM THE KEYBOARD.
 - **TIME PROPORTIONATE PID CONTROL APPLICATION:** TIME PROPORTIONATE PID OPTION IS SELECTABLE FROM THE KEYBOARD.
 - SINGLE RELAY OPERATION FOR TEMPERATURE CONTROL APPLICATION.

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