

# 250825 - ITI-SPD-104

Monday, 25 August 2025 8:44 pm

## SPECIFICATIONS

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Power Supply        | 5-24 Vdc $\leq$ 30 mA                                                                                           |
| Environmental       | Relative humidity: $\leq$ 85%RH - non corrosive<br>IP 5X rating - non-waterproof                                |
| Mounting            | Hole size: 76x39.2mm                                                                                            |
| Input Compatibility | PT100: 0.1°C resolution.<br>Thermocouples: B, E, J, K, N, R, S, T - 1°C resolution<br>Cu50: - 0.1 °C resolution |
| Accuracy            | $\pm$ 0.2% +1 count.                                                                                            |
| Thermal Drift       | 60 PPM/°C                                                                                                       |
| Sample Rate         | 5 Hz                                                                                                            |
| Display             | 14 mm LED -1999 to 9999                                                                                         |

## USER INSTRUCTIONS

| ACTION            | INSTRUCTION                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Data Entry        | Remove back cover to access buttons.<br>Button S1 = ENTER<br>Button S2 = MOVE CURSOR<br>Button S3 = SCROLL / CHANGE VALUE  |
| Access Parameters | 1. Remove back cover.<br>2. Press S1<br>3. Enter password 3001<br>4. Press S1                                              |
| Change Input Type | Parameter: InP<br>Values:<br>P100 = PT100 Sensor<br>Cu50 = Cu50<br>Thermocouples: B, E, J, K, N, R, S, T<br>Default: PT100 |
| Input Filtering   | Parameter: FLt<br>Values: 0-5<br>Default: 0                                                                                |
| °C / °F selection | Parameter: CoF<br>Values: C, F<br>Default: C                                                                               |
| Zero offset       | Parameter: PSb<br>Values: $\pm$ XXXX<br>Default: 0.0                                                                       |
| Gain              | Parameter: FSK<br>Values: 0.2~1.6<br>Default: 1.000                                                                        |