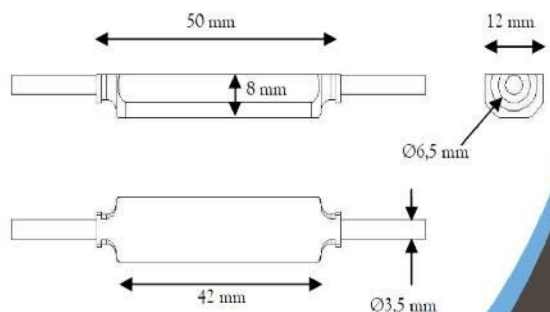


THAB

Thermocouple conditioner

| | |
|-------------------------------|--------------------|
| Range | From -100 +1300 °C |
| Type | K |
| Accuracy analog output | 0.14 %FS |
| Sensitivity | 3 mV/°C |
| Sampling frequency | 5 Hz |
| Supply voltage | 10 to 30V |
| Supply current | 3 mA |
| Output voltage | 0 – 5 V |
| Output impedance | 47 Ω |
| Calibrator | Fluke 714 |
| Dimension | 50x12x8 mm |
| Material | Aluminum |
| Weight | 9 g |
| Protection | IP64 |
| Operating temp | -40 to + 125°C |
| Storage temp | -40 to + 125°C |

| Calibration table (Example for 0-5V output) | |
|---|----------------------------|
| Target °C | -100 to +1300°C 3 mV/°C |
| -100 | 0,70 |
| -50 | 0,85 |
| 0 | 1,00 |
| 50 | 1,15 |
| 100 | 1,30 |
| 150 | 1,45 |
| 200 | 1,60 |
| 300 | 1,90 |
| 400 | 2,20 |
| 600 | 2,80 |
| 800 | 3,40 |
| 1000 | 4,00 |
| 1300 | 4,90 |



Cable: Thermocouple Extension Cable – PFA Insulated Flat Pair –
K type–conductor 7/0.2mm–0.219 mm² (-75°C/+260°C)

1 m cable of 3X26AWG FEP tinned copper braided cable 250V 200°C

In the interest of continuous product improvement, we reserve the right to alter without prior notice the specific colours and features described in this document.