

TCK2ANA

Thermocouple amplifier K type



Electrics:

Supply voltage: 5.5V to 16V
 Supply current: 2mA
 Input lowpass filter: 1600Hz (-3db)
 Measure range: -20°C to 1200°C
 Accuracy: Gain :+/-0,1%
 Offset: +/-2°C
 Elaboration: 80mV @0°C (32°F) 4mV/°C (2,22mV/°F)

Pinout	
Power Supply	Purple
GND	Black
Signal	Green

Can also work if no isolated sensor is connected to ground.

Mechanics:

Connector: miniature standard type K
 Size: 28 x 18 x 10mm (without cable)
 Cables: KU 24AWG 18cm length
 Wiring sleeve: DR-25
 Device enclosure: PA12 (MJF)
 Protection: IP67 except connector (filled with PU resin)
 Operating temp.: -20 to 100°C
 Weight: 12g

Optional:

TCK connector is not waterproof. Do not keep water inside. It must be dried for not damage internal electrical contact.

Water proof solution using rubber boot on male plug can be useful for better reliability in harsh conditions.

Ref OMEGA : MRB
 Ref Farnell: 2990352

