

TRANSPAK™ T513 MODEL

CE

Benefits

- Supports Pt-100 RTD, the Most Popular RTD
- Linear to Temperature
- Low Profile Enclosure Design for Easier Mounting and Wiring
- Hinged Cover over Zero & Span Pots for Applications in Dirty Environments
- Custom Embedded Terminals for Physical Rigidity and Reliability



Non-Isolated, 2-Wire Transmitter for Pt-100 RTD

Miniature, Thermal-Head
Mounted Unit

DESCRIPTION

The model T513 is a non-isolated, 2-wire temperature transmitter. The small physical size of the T513 makes it ideal to fit in a standard industrial thermal-head enclosure. The unit supports 2- or 3-wire Pt-100 RTD units. If thermal-head mounting is not required, the T513 can be either mounted directly on a bulkhead or DIN rail with the included DIN rail clip. The Model T513 is an extremely cost effective unit where large numbers of RTD transmitters are required.

The Model T513 can be ordered in a variety of different ranges in either Centigrade or Fahrenheit. If the need requires, the T513 can be re-configured by the end-user. Complete instructions are included in the installation manual, supplied with the unit.


**ACTION
INSTRUMENTS**

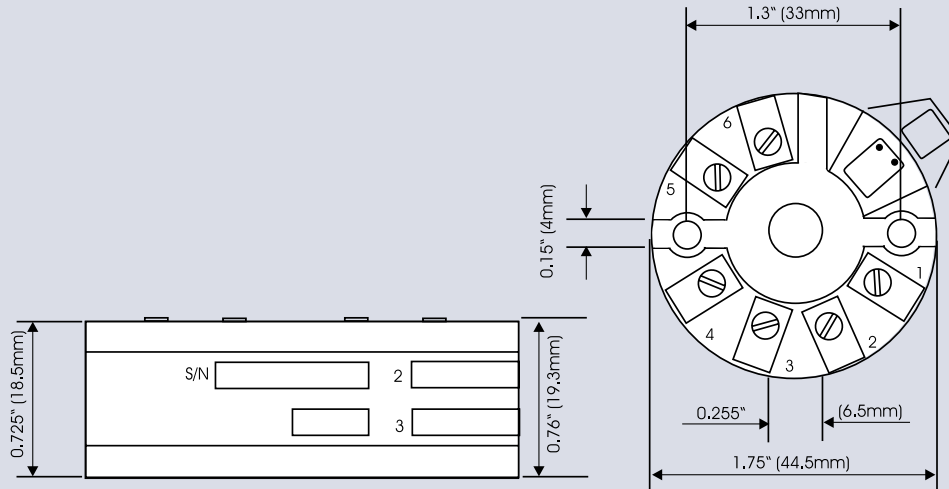
*Protecting the
Integrity of
Industrial
Process Signals*


invensys
An Invensys Company

SPECIFICATIONS

Input	Pt-100, 2- or 3-wire
Input Span	20°C min. 500°C max.
Adjustability	±15% for both zero & span
Output Span	4-20mA, limiting @ <28mA
Burnout Detection	Upscale
Linearity	Better than ±0.05% of span, referred to sensor temperature
Stability	0.03% of span/°C (100°C span)

Supply Voltage	10 to 40VDC polarity protected
Maximum Load	$R_{max} = (V_{supply} - 10V)/20mA$
Operating temperature	-20°C to +70°C
Humidity	0 to 95% RH, non-condensing
Dimensions	1.75" (44.5mm) diameter, x 0.76" (19.3mm) height Mounting hole spacing, 1.3" (33mm)
Agency Approvals	CE Compliance per EMC directive 89/36 EEC



MODELS

Model Number Input Range

T513-1000-C	0 to 50°C
T513-1001-C	0 to 100°C
T513-1002-C	0 to 150°C
T513-1003-C	0 to 200°C
T513-1004-C	0 to 250°C
T513-1005-C	0 to 300°C
T513-1006-C	0 to 350°C
T513-1007-C	0 to 400°C
T513-1008-C	0 to 450°C
T513-1009-C	0 to 500°C

T513-1010-F	0 to 100°F
T513-1011-F	0 to 150°F
T513-1012-F	0 to 200°F
T513-1013-F	0 to 250°F
T513-1014-F	0 to 300°F
T513-1015-F	0 to 350°F
T513-1016-F	0 to 400°F
T513-1017-F	0 to 450°F
T513-1018-F	0 to 500°F
T513-1019-F	0 to 600°F
T513-1020-F	0 to 700°F
T513-1021-F	0 to 800°F
T513-1022-F	0 to 900°F

HEAD MOUNT ENCLOSURE



MODELS & ACCESSORIES

Ordering Information

Specify:

Model: **T513-1xxx-C(F)**

Accessories

T25H-0000 Head Mount Enclosure - ½ NPT
for Thermowell and Conduit

大连爱克新仪器有限公司

www.actionio.com.cn

地址: 辽宁省大连市中山区七七街23号海鹰大厦403室

电话: 0411-82650498 82597851

传真: 0411-2650478 邮编: 116001

E-mail: sales@actionio.com.cn
support@actionio.com.cn



DALIAN ACTION INSTRUMENTS