

## MICROPAQ-H



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# Analog PC-Programmable 2-wire Transmitter for Pt100 Input



MICROPAQ-H is an analog, non-isolated, easy-to-use 2-wire transmitter for Pt100 input.

Configuration is made in seconds with the user friendly Windows software.

No external power supply required for configuration.

MICROPAQ-H is designed for Pt100 in 3-wire connection according to different standards.

- Robust terminals with test connections
- Only 18.5 mm / 0.72 inch high
- Accepts Pt100 in 3-wire connection
- Temperature linear output
- Very short response time
- PC configurable measuring ranges without need for calibration
- Configuration without external power
- NAMUR compliant
- Easy-to-use Windows configuration software
- USB communication
- Withstands vibrations up to 10 g

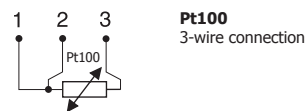
### Specifications:

<b>Input Pt100</b>	3-wire connection
Pt100 ( $\alpha=0.00385$ )	-200 to +1000 °C / -328 to +1832 °F
Pt100 ( $\alpha=0.003902$ )	-200 to +1000 °C / -328 to +1832 °F
Pt100 ( $\alpha=0.003916$ )	-200 to +1000 °C / -328 to +1832 °F
<b>Sensor failure</b>	Upscale, downscale or off
<b>Adjustments - Zero</b>	-50 to + 50 °C / -58 to +122 °F
<b>Adjustments - Minimum spans</b>	20 to 50 °C / 36 to 90 °F <sup>1)</sup>
<b>Output</b>	4-20 mA, temperature linear
<b>Response time</b>	~ 50 ms
<b>Ambient temperature</b>	
Operation	-40 to + 85 °C / -40 to +185 °F
Storage	-50 to + 85 °C / -58 to +185 °F
<b>Galvanic isolation</b>	No
<b>Power supply</b>	6.5 to 30 VDC
<b>Accuracy <sup>2)</sup></b>	Max. of $\pm 0.15$ °C or $\pm 0.075$ % of span
<b>Connection head</b>	DIN B or larger

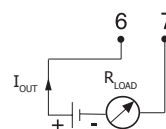
<sup>1)</sup> Depends on zero adjustment

<sup>2)</sup> Includes calibration, linearity and temperature drift

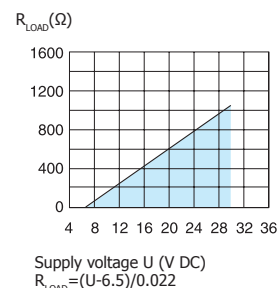
### Input connections



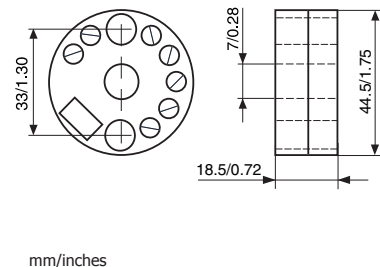
### Output connections



### Output load diagram



### Dimensions



### Ordering information

MICROPAQ-H	70MICH0001
PC Configuration Kit	70CFG00094
Configuration	70CAL00001