USER INSTRUCTIONS
Intelligent, Economy 2-wire Transmitters

MinIPAQ-HLP is a two-wire transmitter intended to be used in industrial environment.

The transmitter is configured from a standard IBM compatible PC by using the MinIPAQ Soft program. To get full functionality of the MinIPAQ-HLP use MinIPAQ Soft v1.20 or later. When the transmitter is set from a PC no calibration is needed. The manual is on-line. MinIPAQ Soft is compatible with Windows 98SE, Windows NT Workstation 4.0, Windows 2000 and Windows XP.

ORDERING INFORMATION

Transmitter
MinIPAQ-HLP 70MQHLP002

Software and cable
Basic configuration kit including Software CD and cables 70CFGUS001

Accessories
Surface mounting box 70ADA00008
Rail mounting box 70ADA00009
Head mounting kit 70ADA0017
Rail mounting kit 70ADA0013

LIMITED WARRANTY

INOR Process AB, or any other affiliated company within the Inor Group (hereinafter jointly referred to as “Inor”), hereby warrants that the Product will be free from defects in materials or workmanship for a period of five (5) years from the date of delivery (“Limited Warranty”). This Limited Warranty is limited to repair or replacement at Inor’s option and is effective only for the first end-user of the Product. Upon receipt of a warranty claim, Inor shall respond within a reasonable time period as to its decision concerning:

1. Whether Inor acknowledges its responsibility for any asserted defect in materials or workmanship; and, if so,
2. the appropriate cause of action to be taken (i.e. whether a defective product should be replaced or repaired by Inor).

This Limited Warranty applies only if the Product:

1. is installed according to the instructions furnished by Inor;
2. is connected to a proper power supply;
3. is not misused or abused; and
4. there is no evidence of tampering, mishandling, neglect, accidental damage, modification or repair without the approval of Inor or damage done to the Product by anyone other than Inor.

This Limited Warranty is provided by Inor and contains the only express warranty provided. INOR SPECIFICALLY DISCLAIMS ANY EXPRESS WARRANTY NOT PROVIDED HEREIN AND ANY IMPLIED WARRANTY, GUARANTEE OR REPRESENTATION AS TO SUITABILITY FOR ANY PARTICULAR PURPOSE, PERFORMANCE, QUALITY AND ABSENCE OF ANY HIDDEN DEFECTS, AND ANY REMEDY FOR BREACH OF CONTRACT, WHICH BUT FOR THIS PROVISION, MIGHT ARISE BY IMPLICATION, OPERATION OF LAW, CUSTOM OF TRADE OR COURSE OF DEALING, INCLUDING IMPLIED WARRANTIES OF MERCHANDABILITY AND FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS PROVIDED HEREIN, INOR FURTHER DISCLAIMS ANY RESPONSIBILITY FOR LOSSES, EXPENSES, INCONVENIENCES, SPECIAL, DIRECT, SECONDARY OR CONSEQUENTIAL DAMAGES ARISING FROM OWNERSHIP OR USE OF THE PRODUCT.

Products that are covered by the Limited Warranty will either be repaired or replaced at the option of Inor. Customer pays freight to Inor, and Inor will pay the return freight by post or other “normal” way of transport. If any other type of return freight is requested, customer pays the whole return cost.
**CALIBRATION**

It is recommended to check the calibration once a year. Use equipment with an inaccuracy of at least 5 times better than the checked transmitter, e.g. if you are checking a transmitter with an inaccuracy of maximum 0.1% use instrument with an inaccuracy of maximum 0.02%.

Use the MinIPAQ Soft Basic Calibration function in the Options menu, and follow the instructions on the screen.

**POWER SUPPLY:** 8.0 - 32 VDC

**Ambient temperature:** -40 - + 85°C

**Mounting:** DIN B head

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Use the MinIPAQ Soft Basic Calibration function in the Options menu, and follow the instructions on the screen.

**INPUTS / OUTPUTS**

**RTD, 3-wire connection**

- Pt100, $\alpha = 0.00385$, Pt1000, $\alpha = 0.00385$
- Pt100, $\alpha = 0.003902$, Pt100, $\alpha = 0.003916$
- Ni100, Ni1000, Pt(Spec), $\alpha = 0.00385$

**RTD, 4-wire connection**

- Pt100, $\alpha = 0.00385$, Pt1000, $\alpha = 0.00385$
- Pt100, $\alpha = 0.003902$, Pt100, $\alpha = 0.003916$
- Ni100, Ni1000, Pt(Spec), $\alpha = 0.00385$

**Termocouple**


**DIMENSIONS**

- 331.30 mm
- 70.28 mm
- 44.175 mm
- 18.5/0.72 inches