

UD-A | UD-V

Display for pressure transmitter 4..20 mA | 0..10 V with DIN43650 connector

Datasheet

Subject to technical alteration
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» CHARACTERISTICS

- 360° turnable; the orientation of panel is variable
- Programmable, display value can be set according to sensor's spec.
- no extra power supply is required
- Programmable by pressing 2 buttons, easy to operate
- With extensive applications as process monitoring in semiconductor industry, steel industry, chemical industry, environmental engineering, food processing, pharmaceutical industry, power plants, research and development, etc.

» PRODUCT TESTING AND CERTIFICATION



Declaration of conformity

The declaration of conformity of the products are available on our website.
<https://www.thermokon.de/direct/en-gb/categories/displays>

» TECHNICAL DATA

Input signal	UD-A 4..20 mA (2-wire)	UD-V 0..10 V (3-wire)
Display	4-digit LED	
Display range	-1999..+9999	
Scale	decimal point, programmable	
Display accuracy	0.2 % F.S.	
Overload current	UD-A 40 mA (2-wire)	
Electrical connection	DIN 43650 plug / DIN 43650 socket	
Protection	IP 65	
Ambient condition	-20..+60°C	
Enclosure	ABS, cover PC	



Dimensions	
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Connection (DIN46350) Power supply via transducer: UD-A: 24V DC UD-V: 24V DC	UD-A (4..20 mA) – (24V DC) 	UD-V (0..10 V) – (24V DC)
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» SECURITY ADVICE – CAUTION



The installation and assembly of electrical equipment should only be performed by authorized personnel.

The product should only be used for the intended application. Unauthorised modifications are prohibited! The product must not be used in relation with any equipment that in case of a failure may threaten, directly or indirectly, human health or life or result in danger to human beings, animals or assets. Ensure all power is disconnected before installing. Do not connect to live/operating equipment.

Please comply with

- Local laws, health & safety regulations, technical standards and regulations
- Condition of the device at the time of installation, to ensure safe installation
- This data sheet and installation manual

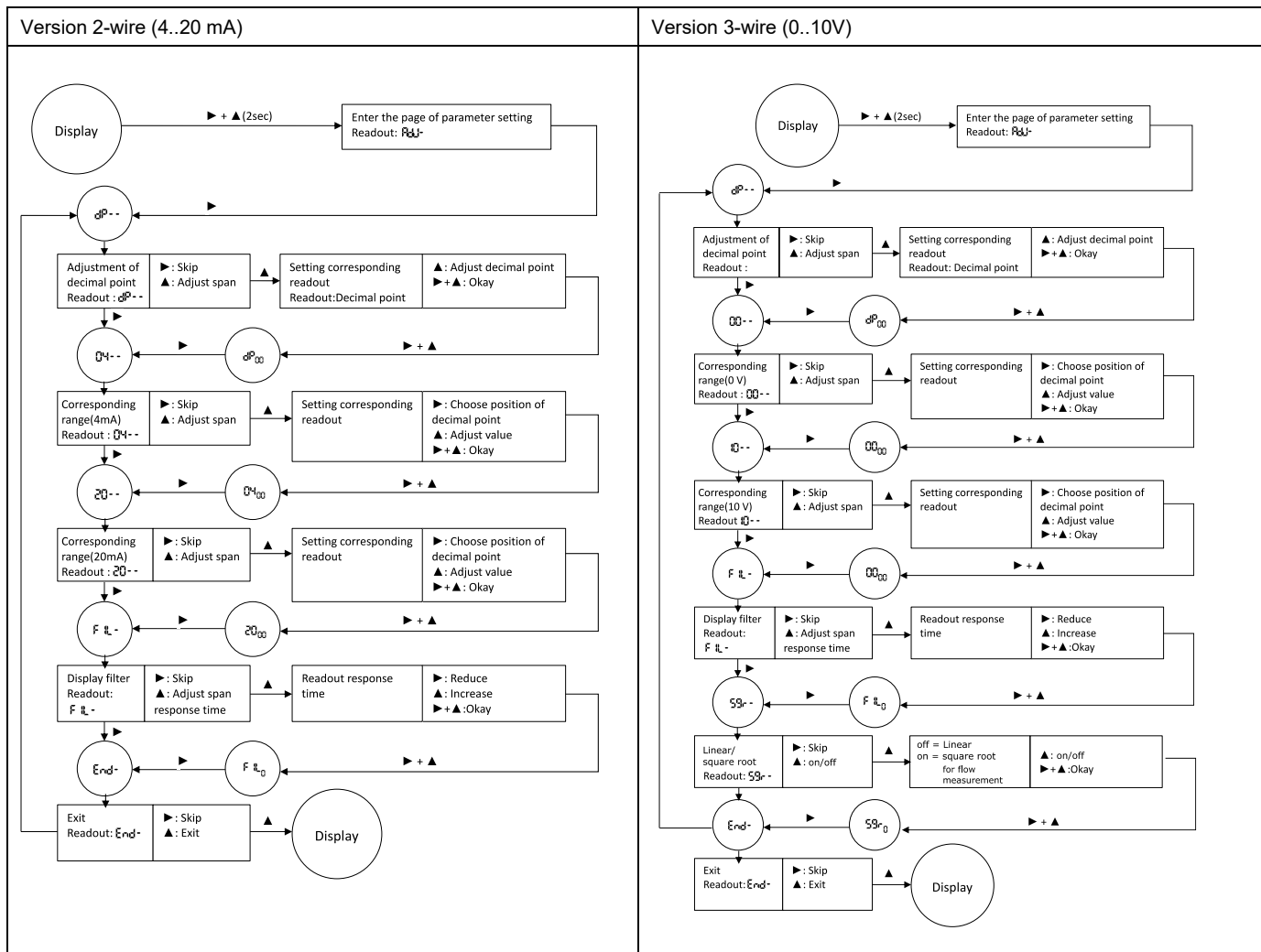
» NOTES ON DISPOSAL



The crossed-out wheeled bin symbol indicates that the product or removable batteries must not be disposed of with household or commercial waste. Within the EU, you are legally obliged to dispose of the product separately and appropriately in accordance with the national laws of your country. Alternatively, please contact your supplier or Thermokon Sensortechnik GmbH. Further information can be found at: www.thermokon.com

» CONFIGURATION

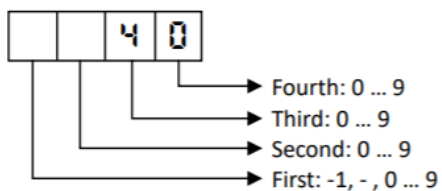
The integrated menu system allows the user to fully configure the display. If you didn't press any key over 20 s during setting, the settings menu will exit automatically and return to mainscreen without save.



Note 1.

A) Readout decimal point that you set.

B) Adjustment range: -1999 ... 9999.



C) Default:

4mA corresponding 400

20mA corresponding 2000

Note 2.

A) Adjustment of readout's response time. 0.5 s/ Unit.

B) The range of response time:
(0 s ... 20 s)

C) Default: 0 s (s: second)

Note 3.

To save, please press ►+▲ at the same time after you finished setting, and then it will skip to next parameter.

Note 4.

If you didn't press any key over 20 s during setting, it will exit setting program and return to main manual without save.