

AST D210

For AST pyrometers

Overview

Digital display D210



General information

The digital displays D210 provide the presentation of the temperature value via power output of the pyrometer. Therefore the display has to be scaled to the adequate measuring range of the pyrometer. This can be done with the control panel of the display or via software AST Pro.

The digital display are intended to be installed within control panels. The devices can be installed by using the provided clamp screws.

For operating the devices require a power supply of 100 to 240 V AC.

The display units provide a automatic storage of the measured maximum and minimum value. To check it (only in measurement mode available), use the MAX/MIN key.

Detailed view and description



If you press the key LEVEL more than three seconds, the setting menu opens.

You can change the respective parameter by choosing the MODE key. The current preset value will be shown in the lower display line.

By pressing the SHIFT key, you will get to the changing menu. You can change the value by pressing the UP key.

By renewed pressing of the MODE key the value will be accepted.

To return to the measuring mode, you have to press the LEVEL key for more than one second.

Technical data

Type	D210
Input	D210: 4 to 20 mA/0 to 20 mA D210: 4 to 20 mA (RS-485) ¹
Auxiliary power supply	none
Power supply	100 to 240 V AC, 50/60 Hz
Measurement uncertainty	± 0.1 % of measured value ± 1 digit
Alarm outputs	2x relays, max. 250 V AC, 5 A or 30 V DC, 5 A, response time ca. 250 ms
Safety class	IP66 (frontpanel)
Dimensions	45 mm x 92 mm x 97 mm, H x W x D
Operating temperature	-10 °C to 55 °C
Storage temperature	-25 °C to 65 °C

¹The analogue output is adjustable within the temperature range of the connected pyrometer.



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