

Code: CT-5

## TEMPERATURE SENSOR **CT-5**

CT-5 is a two-channel temperature sensor. The device has a built-in DS18B20 sensor and an input for connecting one external sensor type DS18B20 or DS1820, as well as a DC voltage measurement input 0 ... 60V.

The device works with a dedicated application available below, and with the OSD-50HD or SG-55HD generator in "CT-5" mode, enabling the display of the tested values together with the image from cameras in PAL, AHD, HD-CVI, HD-TVI formats.



Support:	<ul style="list-style-type: none"> <li>• OSD-50HD - firmware version 1.34.4 or later,</li> <li>• SG-55HD - firmware version 1.34.4 or later,</li> <li>• Operation via included PC software</li> </ul>
Measurement:	<ul style="list-style-type: none"> <li>• Temperature measurement : -55 °C ... 125 °C, Measuring accuracy : <math>\pm 0.5</math> °C for -10 °C ... 85 °C,</li> <li>• DC voltage measurement : 0 V ... 60 V <math>\pm 2</math> LSB</li> </ul>
Resolution of the measuring transducer:	10 bit
Number of temperature channels:	2
Voltage measuring range:	0 ... 60 V DC
Analog inputs:	1
Transmission protocol:	RS-485
Transmission speed:	9600, 115200 bps
Sending frequency of data:	0.1 Hz, 1 Hz
Duration of transmission / baud rate:	<ul style="list-style-type: none"> <li>• 20 ms @ 9600 b/s,</li> <li>• 2 ms @ 115200 b/s</li> </ul>
Power supply:	5.5 ... 26 V DC
Current consumption:	<ul style="list-style-type: none"> <li>• 50 <math>\mu</math>A (Standby mode)</li> <li>• 60 mA (operation)</li> </ul>



# DATA SHEET

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Color:	White
Weight:	0.02 kg
Dimensions:	70 x 30 x 22 mm
Manufacturer / Brand:	DELTA
Guarantee:	2 years