

TEMP-485 Temperature Sensor

The TEMP-485 sensor is a device used to measure temperature. It is equipped with a modern, pre-calibrated digital sensor. The sensor is suitable for digital communication via RS-485 with VIRGO software version A-09. TEMP 485 can select sensor number 1 to 16, thereby allowing the connection to the controller VIRGO up to 16 pieces of sensor for temperature measurement. On special request, it is possible to prepare the sensor TEMP-485 cooperating with the CA-GSM-1 as the fifth temperature sensor instead of RHT-01-GN.

The sensor is supplied with 8..12V DC from a cooperating device. It is required that the power supply and transmission lines to the sensor were supplied with the same cable (a four-wire cable, e.g. shielded twisted-pair)

In order to increase the sensor's reliability its housing was equipped with a snap-in bracket that enables fast mounting of the sensor (to the connecting cable) in the right position, i.e. cable fitting downwards.

The method of fastening enlarges protection of the sensor against moisture that might get inside the sensor and flow down the cable through the cable fitting.

The performed tests have shown that this solution improves safety of the sensor as for getting moistened and it provides its long failure-free operation.



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and find out more

CCR-100 Pressure Sensor (differential)

The CCR-100 pressure sensor (differential) is designed for microclimate controllers in order to provide target difference (differential pressure) between the interior of the livestock building and its immediate vicinity from 0 to 100 Pa. The signal from the sensor can be used to control the opening of inlets in order to provide preset difference of pressure in the building and as a result to improve the process of exchange stale air in the optimum range.

The pressure sensor can interoperate with the VIRGO controller (connection by means of a RS-485 bus) or devices of other companies by 0..10V signal. The target value of differential pressure is shown on a LED display on the front panel of an enclosure. Two TP-04 air dampers are included in the set.

