

ENG

## Technical instructions

for installation and usage



# DIFFERENTIAL THERMOSTAT

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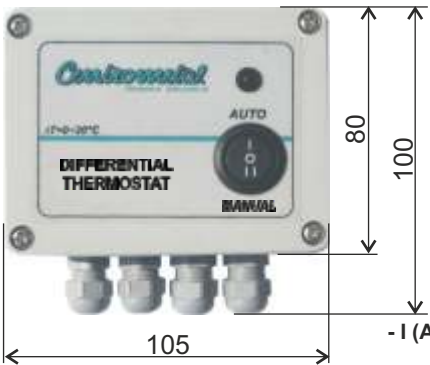
The differential thermostat manufactured by company Centrometal d.o.o. is intended for installation in solar systems or central heating systems where it is needed to switch on (switch off) the pump according the set (adjusted) temperature difference.

The differential thermostat has compact dimensions, it is placed in the plastic housing, wall hanged.

It is mounted on the wall with 4 screws which is not delivered together with the differential thermostat.

Together with the differential thermostat 2 sensors type KTY are delivered which are very easy to connect with the differential thermostat. The sensors are fastened on the tube by the help of a plastic cover and bindings.

The setting of the difference switch on/off the circulation pump is done by help of a trimmer which is placed in the thermostat housing and is set in the factory on the difference of 10°C.



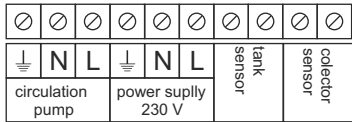
- Differential thermostat characteristics**
- Compact housing for easy mounting on the wall.
  - The selection of the differential thermostat operation: automatic (auto) or manual (ručno).
  - Display of the operation through a led diode.
  - Possibility to set the thermostat switch on/off interval: 0-20°C.
  - It is delivered with all necessary sensors.

- I (AUTO) - the thermostat turns the pump on/off according to the set difference.
- O - thermostat off.
- II (MANUAL/RUČNO) - manual start of the pump.

**TABLE OF RESISTANCE OF THE KTY SENSORS**

Temp. C	Resis. W	Temp. C	Resis. W
-20	1390	40	2210
-15	1450	45	2290
-10	1510	50	2370
-5	1570	55	2450
0	1630	60	2540
5	1700	65	2630
10	1760	70	2720
15	1830	75	2810
20	1900	80	2900
25	1980	85	3000
30	2050	90	3090
35	2130	9	3190

**Connection sheme: LABEL ON THE ORDINALY TERMINAL**



**ORDINALY TERMINAL** **TRIMMER**

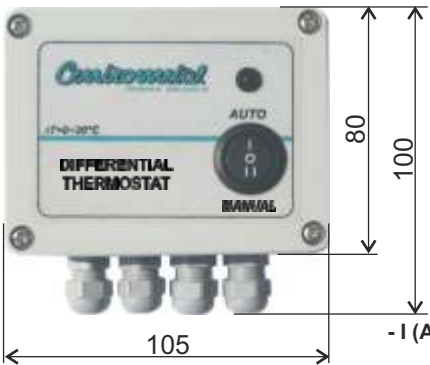
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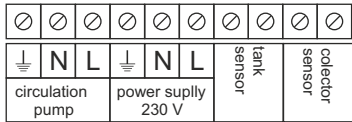
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