

Centrometal d.o.o. - Glavna 12, 40306 Macinec, Croatia, tel: +385 40 372 600, fax: +385 40 372 611



Technical instructions

for installation and usage





DIFFERENTIAL THERMOSTAT



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DIFFERENTIAL THERMOSTAT

TU-DT-2024-ENG

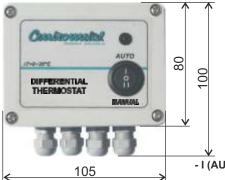
The differential thermostat manufactured by company Centrometal d.o.o. is intended for installation in solar systems or central heating systems where it is needed to switch on (switch off) the pump according the set (adjusted) temperature difference.

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 toconnect 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.	Resis.	Temp.	Resis.		
c	W	C	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

Ø	Ø	Ø	0	\oslash	Ø	Ø	Ø	Ø	Ø
Ī	Ν	L	1	N	L	sens	tank	sens	cole
circulation pump		power suplly 230 V			Ŷ,		Š	ctor	



tel. central: +385(0)40/372-600

Technical office: 040/372-620 / fax. teh. ureda: 040/372-621

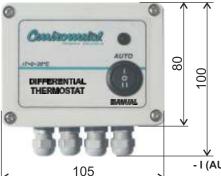
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LABEL ON THE ORDINALY TERMINAL

Ø	0	Ø	0	Ø	Ø	Ø	Ø	Ø	Ø
Ī	Ν	L	1	N	L	sens	tank	sens	cole
circulation pump		power suplly 230 V			Š,		Š	ctor	



ORDINALY TERMINAL

TRIMMER

tel. central: +385(0)40/372-600

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