

# CAPILLARY THERMOSTATS

## USE

-Capillary thermostats for water temperature control in boilers, air conditioning, cooling units and systems, domestic appliances, electric ovens.

## INSTALLATION AND OPERATION

-Liquid expansion sensing element  
 -Surface installation  
 -The bulb can be installed remotely; G 1/2" copper pocket or fixing plugs are available on request. (See accessories C.. Y)

## TECHNICAL FEATURES

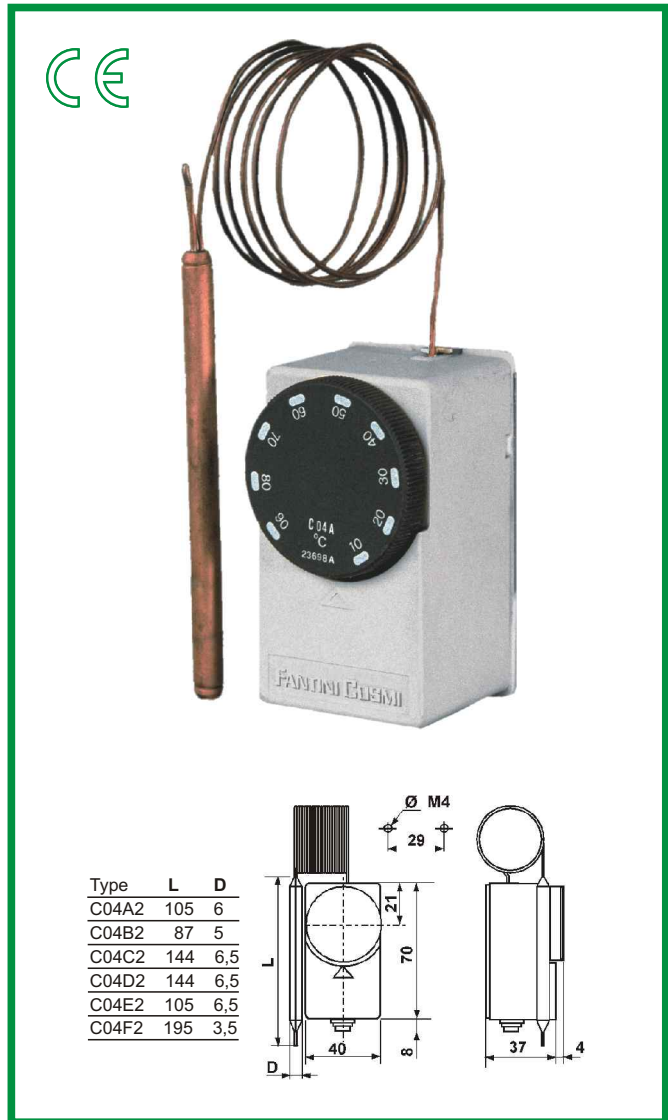
-Stainless steel sensing element membrane  
 -Copper bulb and capillary. Tin-plated copper for C04C and C04D types.  
 -V0 self-extinguishing, antishock and thermoplastic material base  
 -PVC grommet for cable entry.

## HOMOLOGATION AND STANDARDS

-Complies with CEI EN 60947-5-1  
 -VDE homologation  
 -C04A with I.S.P.E.S.L. homologation

## ELECTRICAL FEATURES

-Snap action SPDT microswitch with AgCdO contacts  
 -When temperature rises : 1-2 opens 1-4 closes



Nominal insulation tension:	Ui	380V~
Continuous duty nominal current	Ith	15A
Operating nominal current	Ie:	
		220V~ 250V~ 380V~
Resistive load	AC-12	- 10A 10A
Inductive load	AC-15	- 2.5A 1.5A
Direct current	DC-13	0.2A - -

TYPE	Range °C	Differential K *	Differential accuracy °C	Max allowable body temperature °C	Max element temperature °C	Capillary length m	Protection	Weight Kg	Box pcs N°
C04A2	10 to 90	6±1	±3	-35 to 120	150	1	IP40	0.16	
C04B2	50 to 300	8±2	±3	-35 to 120	310	1.5	IP40	0.16	
C04C2	-20 to 40	2±0.5	±2	-35 to 60	80	1.5	IP40	0.17	
C04D2	-35 to 20	2±0.5	±2	-35 to 50	80	1.5	IP40	0.17	
C04E2	40 to 120	6±2	±3	-35 to 120	150	1	IP40	0.16	

\*The differential value must be deducted from the set value

Differential values refer to a temperature rising speed of K1/Min in liquid and 5 K/hour in air

♦ Transport and storage temperatures are equivalent to the max. allowable thermostat body temperature.

## ACCESSORIES

G 1/2" cable gland in VO self-extinguishing, antishock thermoplastic material..... code 303298L  
 antishock thermoplastic material..... code 303298L  
 Gc 1/2" sealed plug.....type G23  
 175mm pocket with Gc 1/2" threaded connection.....type G24

## STANDARD EXECUTIONS

IP 65 waterproof execution (see page C.Y)..... C04CY

## SPECIAL EXECUTIONS

special temperature range.....C04A 0 to 80°C  
 Internal temperature setting.....C04 RI

