



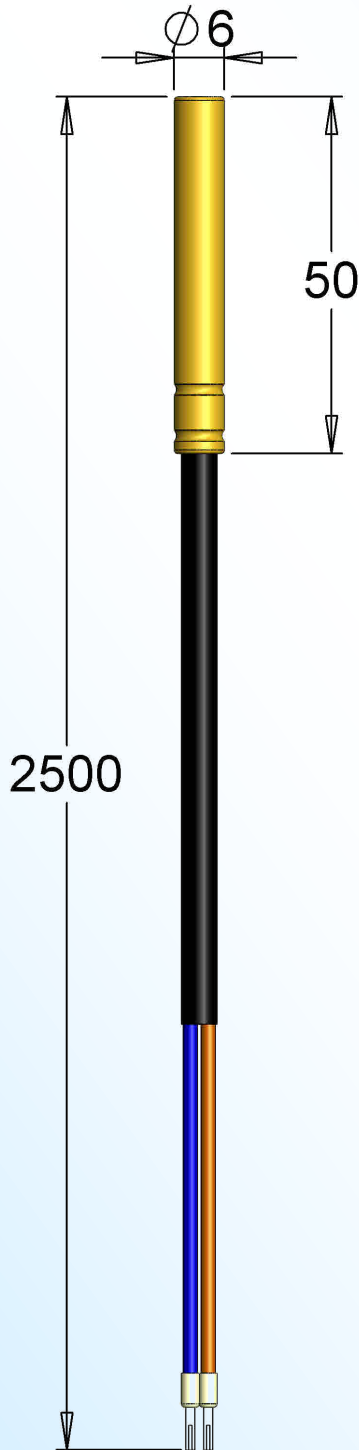
**BOILER SENSOR**

**MODEL TH110 ( CODE 2 010 XXX X )**

**CLIMATIC CATEGORY**



**ELECTRICAL CHARACTERISTICS**



SENSOR ELEMENT		
Glass NTC	10K ± 1%	B25-85=3970
Max Temperature Range	-20°C	+110°C
Tolerance		
°C	Ohm	Deviation ± Ohm
25	10.000	100
60	2.504	59
80	1.268	38

CURVE ( Water immersion 70°C - 0,04 m/sec )			
Temperature °C	Ohm	Temperature °C	Ohm
-40	342.000		
-20	97.083		
0	32.430		
20	12.480		
25	10.000		
40	5.343		
60	2.504		
80	1.268		
100	685		
120	392		

CABLE	
CONDUCTOR:	Red Copper
	2X0,5mm <sup>2</sup> - 0,4mm Insulator Mean Thickness
SHEATH:	PVC HT Black Color
	0,8mm Sheath Mean Thickness - 5mm ± 0,2 Outer Diameter
RATINGS:	Working Voltage 300/300 - Test Voltage 2000V
	Temperature Range -20°C + 90°C Max 110°C