

PROBE FOR MEASURING TDS (CONDUCTIVITY)

MODEL 330

CONDUCTIVE PROBE FOR CONDUCTIVITY TRANSMISSION IN WATER SUPPLY PIPES TO BOILERS

DESCRIPTION



The conductivity probe, series 330, thanks to its compact design and reduced length is specially designed to transmit the conductivity of the boiler feed water working in demanding process conditions, high temperature and pressure.

Together with the 350 series transmitter it measures and transmits conductivity by generating a 4/20 mA signal through a 2-wire loop in steam boilers and other pressurized equipment with water quality control.

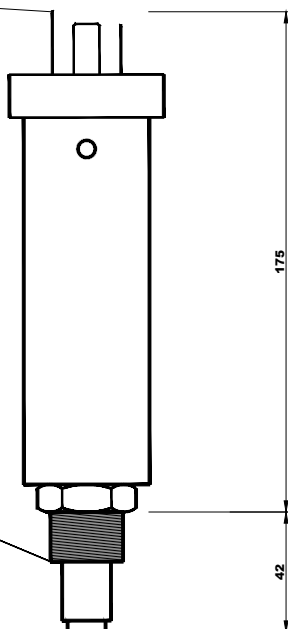
TECHNICAL FEATURES

OPERATING PRINCIPLE	Conductivity
PROBE BODY	Stainless steel AISI 303
CONNECTION	Thread ½" BSP
ELECTRODE INSULATION	PTFE - PEEK
ELECTRICAL CONNECTION	DIN43650-A; Cable gland PG11
MECHANICAL PROTECTION	IP 65
PROCESS TEMPERATURE	239 °C
MAXIMUM PRESSURE	32 bar
WEIGHT	300 g
TEMPERATURE COMPENSATION	$\alpha = 0.0 - 5.0 \text{ [}/^\circ\text{C]}$
CONDUCTIVITY RANGE	0 – 1 000 $\mu\text{S/cm}$ std @ 25°C

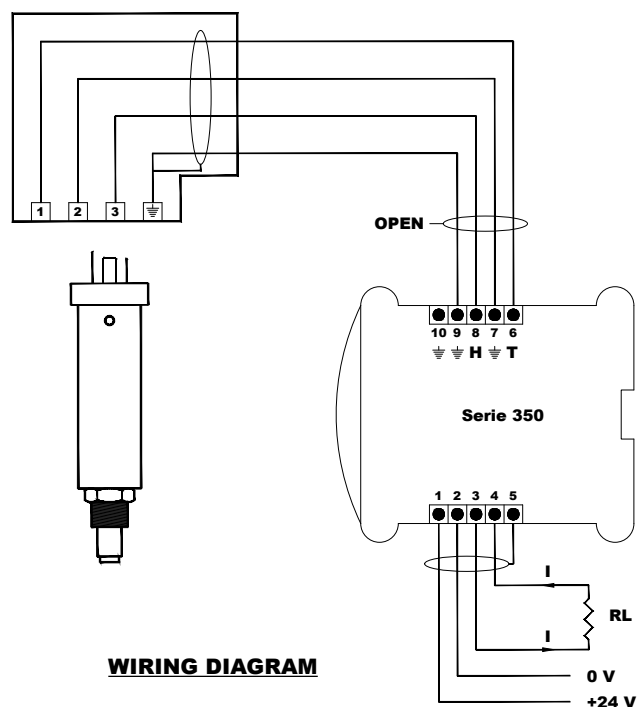
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DIN connector 43650
male

Threaded connection
Ø1/2" gas



DIMENSIONS



WIRING DIAGRAM