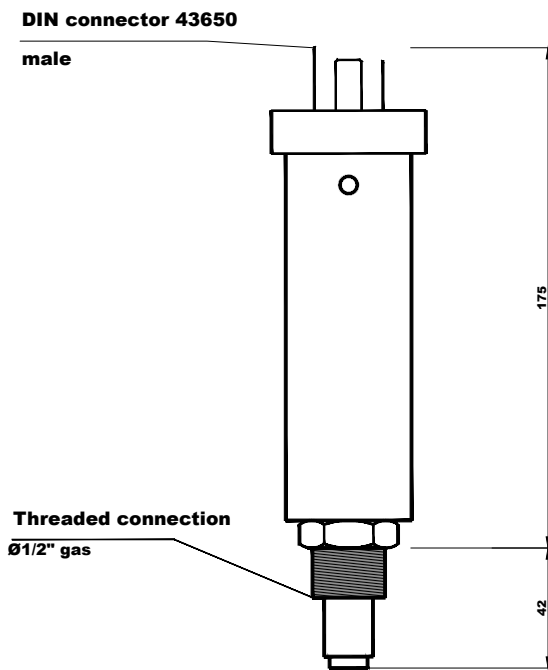
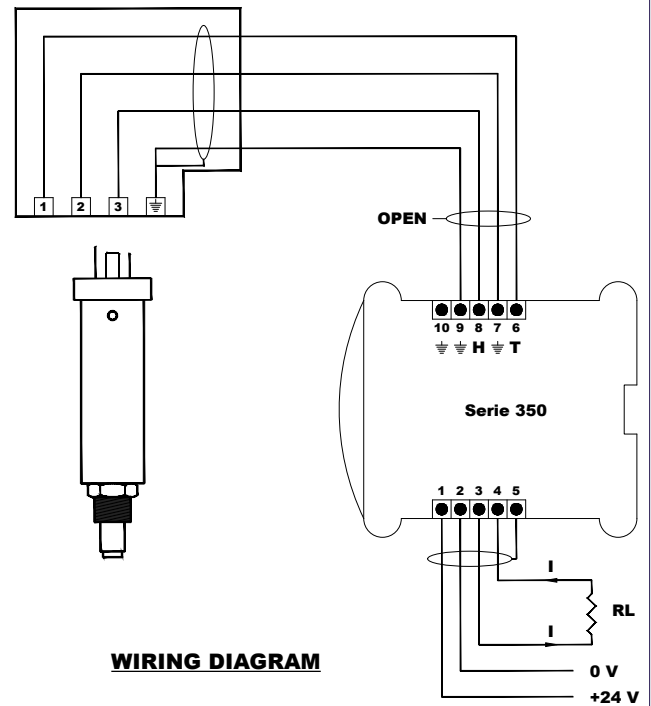


PROBE FOR MEASURING TDS (CONDUCTIVITY)



DIMENSIONS



WIRING DIAGRAM

CONDUCTIVITY TRANSMITTER (TDS)

MODEL 350

CONDUCTIVITY TRANSMITTER (TDS) IN HIGH PRESSURE AND TEMPERATURE PROCESSES

DESCRIPTION

The Conductivity Transmitter (TDS), Series 350, is specially designed to transmit the conductivity of boiler water and boiler feedwater operating under demanding process conditions of temperature and pressure.

Together with the conductivity probes series 310 and 330 the transmitter series 350 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



POWER SUPPLY	24V DC +/- 20%
CONSUMPTION	1.5 W
DIMENSIONS	Rail DIN – 1 module (120 x 98 x 22.5 mm)
OUTPUT	4 / 20 mA (galvanic isolation) R Load - 500 Ω
TEMPERATURE COMPENSATION	$\alpha = 0.0 - 5.0 \text{ [}/^\circ\text{C]}$
CONNECTION PORT	USB
KCELL	0.050 – 4.99 cm ⁻¹ (standard)
CONDUCTIVITY RANGE	0 – 10 000 μS/cm std @ 25°C
FRONT INDICATION	Green LED (power supply) – Blue LED (in operation)