

CTZN : INDUCTIVE CONDUCTIVITY

**INDUCTIVE CONDUCTIVITY
NO SENSITIVE TO THE FOULING**

RANGE DIGISENS / DATASHEET



MEASURED PARAMETERS

- Conductivity compensated in temperature (mS/cm)
- Conductivity non-compensated in temperature (mS/cm)
- Salinity (g/Kg)
- Temperature (°C)

APPLICATIONS

- Urban wastewater treatment
- Industrial effluent treatment
- Surface water monitoring
- Sea water
- Fish farming

INDUCTIVE METHOD

A ring-type coil is excited at fixed intervals and the response is retrieved on a second coil, which is linked to the excited coil. The connectivity between the coils (determined by the degree of conductivity) takes place via the conducting solution.

Economic and successful technology that requiring not enough maintenance and not consumable.

DIGITAL TECHNOLOGY

The "smart" Digital CTZN sensor stores calibration and history data within the sensor. This allows you a "plug and play" system without re-calibration.

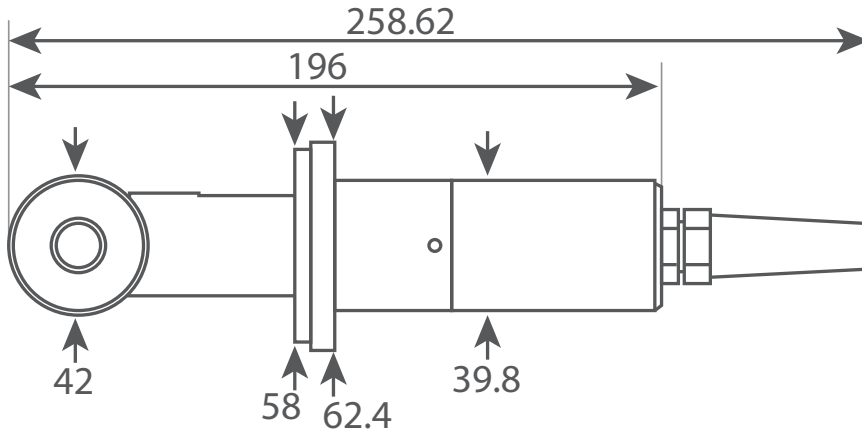
Thanks to the Universal Modbus RS485 protocol, the PONSEL Digital CTZN

ADVANTAGES

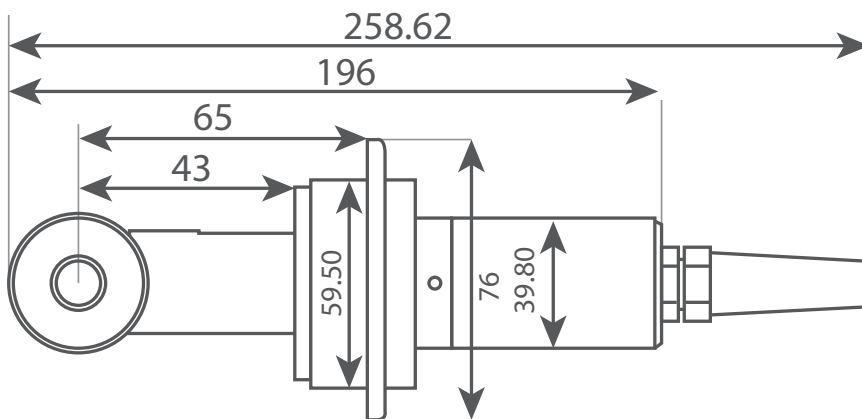


- Sensor regulated in temperature
- Ranges 0 to 100 mS/cm
- Numerical communication Modbus RS-485 and SDI12
- Compact, robust and watertight

DIMENSIONS – VERSION IMMERSION/INPIPE PVC INSTALLATION



DIMENSIONS – VERSION INPIPE STAINLESS STEEL INSTALLATION



WIRING DIAGRAM

