

ANALYTICAL INSTRUMENTS

AnaCONT

CONDUCTIVITY TRANSMITTERS



3 YEARS WARRANTY @ NIVELCO – WHERE ELSE?

NIVELCO

ANALYTICAL INSTRUMENTS

MAIN FEATURES

- Mini compact design
- Measuring range: 1 $\mu\text{S/cm}$ - 2000 $\mu\text{S/cm}$
- Application oriented measuring range selection
- Optional external plug-in display
- 4-20 mA, HART communication
- IP68 probe

APPLICATIONS

- Water production
- Water processing
- Water purification
- Wastewater treatment
- Pharmaceutical industry
- Food and beverage industry

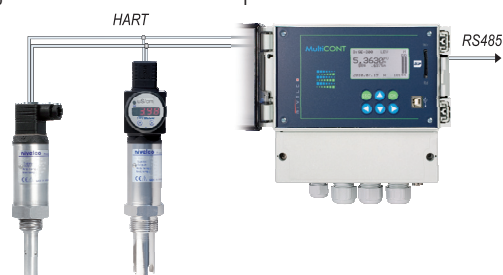


GENERAL DESCRIPTION

The AnaCONT 2-wire mini compact conductivity transmitters are designed to measure the conductivity of a liquid and convert the input signal to 4-20 mA output. They are suitable for measuring clean, non-crystallising liquids. The design of the transmitter and its applicability in wide temperature range allow its operation in diverse industrial applications.

AnaCONT IN SYSTEM WITH A PC

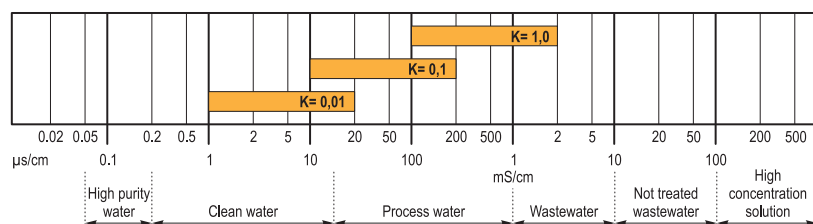
The instrument with HART output can be connected to a PC using a UNICOMM HART-USB modem. Max. 15 normal (non Ex) instruments can be connected to a HART line. Measured values can be visualised and/or the instruments can be programmed via digital HART communication. Applicable software: EView 2 configuration software or NIVISION process visualization software.



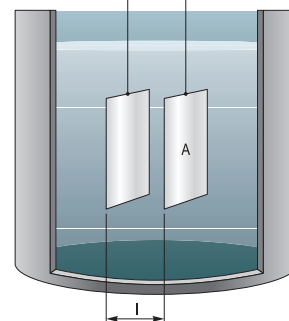
AnaCONT IN SYSTEM WITH MultiCONT

The MultiCONT can handle digital data coming from a maximum 15 HART capable transmitters (conductivity, pH, ORP, temperature, level, pressure). The digital (HART) information is processed, displayed and transmitted via RS485 communication line to a PC when needed. Remote programming of the transmitters is also possible. Visualisation on PC can be accomplished with NIVISION process visualization software.

OPERATION



PROBE



$$K = \frac{l}{A}$$

l = distance between electrodes
A = electrode surface

ORDER CODES

AnaCONT mini compact conductivity transmitters

AnaCONT LCK - 2 ■ ■ - ■

Measuring range	Code	Proc. connection	Code	Output	Code
1-20 $\mu\text{S/cm}$ (K=0.01)	1	BSP 3/4"	1	4 - 20 mA	2
10-200 $\mu\text{S/cm}$ (K=0.1)	2	BSP 1"	2	4 - 20 mA + HART	4
100-2000 $\mu\text{S/cm}$ (K=1)	3	(only with K=1 probe)			

Accessories

- UNICONT PLK-501-2 plug-in display
- UNICONT PLK-501-3 plug-in display with PNP output

