DIGITAL CONDUCITIVITY PROBE

General features

The **S411**DIG probe is used for measuring conductive conductivity in pure and process waters.

– Reliable conductivity measurement using graphite electrodes

– Conductive measuring method with two electrodes and temperature compensation

– PVC sensor body and graphite electrodes

– No mechanically moving parts

– Immediate installation and easy manteinance

– MODBUS RTU serial communication protocol

Applications

Untreated water, drinking water, demineralization, reverse osmosis, ion exchanger, water from conditioning systems and boilers, artesian wells

Technical specifications

Measuring range	0.00 ÷ 20000uS
Measuring method	conductive with two electrodes
Sensitivity	0.1 uS
Precision	+/-1uS
Response time	90% of the value in less than 60 seconds
Refresh time	1 second
Temp. compensation	facing Stainless Steel sleeve
Operating temperature	-10 ÷ 45 °C
Maximum pressure	10 bar
Body material	PVC
Electrode	Graphite
	The probe is completely resinate inside
Mechanical protection	IP68 Sensor + cable
Power supply	12 ÷ 24Vdc
Power consumption	max. 2W
Cable	10m integral (other on request) – 10m disconnectable cable
Equipotential contact	for solution included
Signal interface	RS 485 Modbus RTU Protocol

paab TEKNO TRADING