VodaSense Series

2-Electrode Cells

Conductivity / Resistivity / TDS

S Series
(K = 0.01)

S Series
(K = 0.1)

In A Glance...

VodaSense offers durable Stainless Steel 316 2-Electrode Conductivity, Resistivity & TDS sensors for industrial demanding application. The sensor is designed to measure conductivity or resistivity in pure and ultrapure waters, Clean-In-Place (CIP) and boiler monitoring.

All sensors have built-in temperature sensors for auto temperature compensation to ensure precise measurement. The cell constants available are 0.01 and 0.1.

Specifications

Measuring Principle	2-Electrode Contacting Conductivity
Cell Constants (K)	0.01 & 0.1
Measuring Range	0.00 – 20.00 uS/cm (K = 0.01) 0.0 – 200.0 uS/cm (K = 0.1)
Operating Temperature	0 - 105°C
Temperature Type	NTC30K (Default) PT1000 (Upon Request)
Maximum Pressure	7 bar
Wetted Materials	Stainless Steel 316
Thread	3/4" NPT Thread
Cable Type	Fixed 10m (Standard length) Detachable 10m (Standard length)
IP Rating	IP68

Order Code

Sensor Type	
S-71	Cell Constant, K = 0.1
S-72	Cell Constant, K = 0.01

Body Material	
03	Stainless Steel

Thread	
E	3/4" NPT Thread

Built-In Temperature Sensor (ATC)	
N1	NTC30K
T1	PT1000

Cable Diameter	
S	6mm Fixed Cable
D	6mm Detachable Cable

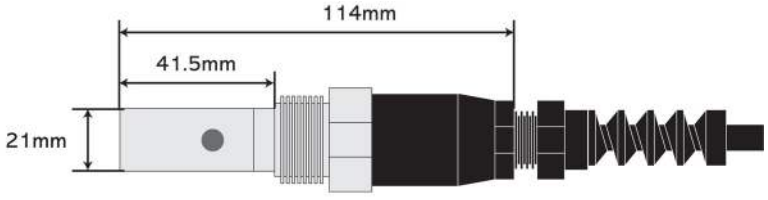
Cable Length	
10	10 meters (Standard Length)
XX	Others Upon Request

Connector	
FF	Bare Wire

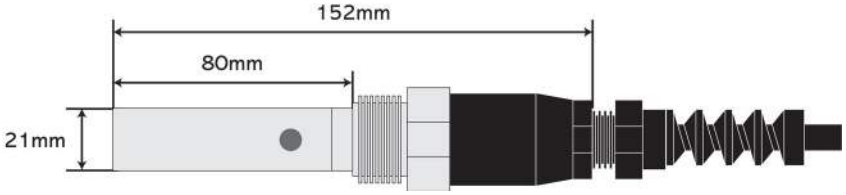
Example : S-7203-EN1-S10FF
: S-7103-EN1-S10FF

Dimensions

S Series
(K = 0.1)



S Series
(K = 0.01)



Design outlook subjected to change without prior notice.