

# μSMART SERIES

## CONDUCTIVITY / TEMPERATURE SENSOR

### Model EC(X)

#### Specifications

<b>Range :</b>	Conductivity	0 - 1000μS (EC1) 0 - 2000μS (EC2) 0 - 5000μS (EC3) 0 - 10000μS (EC4) 0 - 20000μS (EC5) 0 - 50000μS (EC6) 0 -100000μS (EC7) (seawater) 0 -200000μS (EC8) 0 -500000μS (EC9)
<b>Temperature:</b>		0-60°C
<b>Accuracy :</b>	Conductivity	± 1.0% FS Normalised Conductivity ± 1.0% FS (15° - 35°C) Normalised Conductivity better than ± 2.5% FS (0 - 15°, 35° - 60°C) Temperature ± 0.5°C Temperature compensation in internal software.
<b>Output Signal :</b>	Serial data ASCII format (Modbus 0/5v), plus, either Voltage	0-1 volt, 0-2.5v, 0-4v or Frequency +5 volt pulse (2-10 Hz)
<b>Supply Current :</b>		2mA max, 5V to 28V
<b>Maximum Depth :</b>		<30mtrs
<b>Construction :</b>		Stainless steel body, 498mm long. incl hanging loop at top 38.3mm outside diameter Optional PVC housing for high salinity use.
<b>Weight :</b>		1.2Kg

This specification sheet is to read in conjunction with the μSmart "Gold Line" or standard general specification sheets for full information on the electronic capabilities.

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