Subsea Sensor Simulator – 00-93910



The TTLSubsea Sensor Simulator is a self-contained rugged and versatile device specifically designed for simulating subsea drilling and production sensors for oilfield operations. The unit has applications both at manufacturing facilities and offshore rigs for commissioning, deployment and troubleshooting. The unit is oilfield rugged and designed for wide temperature and shock and vibration duty.

During BOP / umbilical assembly / deployment in the customer yard / drill ship / offshore rig, there are many occasions when the integrity/operation of the umbilical cable, connectors and pod surface controls and other surface equipment is required, and the sensor simulator can be utilized without the need to have the BOP sensors available.

The unit is equipped with additional analog and digital inputs/outputs to a single unit to be used to acquire additional data channels and control go no go alarms / lights.

TECHNICAL SPECIFICATIONS:

CPU Type	*32bit ColdFire-250MHz*
Memory	*32MB Flash,64MB DDR2*
Sensor Protocols	*4-20mA, CANOpen, KOS, MODBUS, TCPIP*
Data Memory	*Micro SD Card 32GB*
Op Temperature	*-20C to 70C*
Relative Humidity:	*To 95%*
Dimensions	*21.0 x 12.0 x 6.0 inch*
Weight	*1.5oz*

I/O SPECIFICATIONS and Communications:

Power Supply	*9-36VDC, 450mA*
Comm Ports	*RS232, RS485, CANbus*
Protocols	*FTP, MODBUS RTU / TCP WITS0, ASCII, SDS, CANOpen, TCPIP, HTTP*

PART NUMBERS:

00-93910	*System with inputs for 4-20mA, CANbus, RS485, MODBUS, and KOS sensors*