

Jupiter 2x4 Digit Subsea Display System

A new standard in Subsea Sensing

The Zetechtics range of Jupiter Subsea Control Systems has led to the development of a range of stand-alone battery powered subsea sensor systems. Designed to monitor the position or state of actuators on subsea tools modules, and installations, these systems do not require a complex control system or datalink.

Features & Benefits

- Provides analogue strain feedback accurate to 0.3% AND count feedback to “dumb” tools or Subsea Modules scaled as per user needs.
- Compatible with all common torque tools.
- Can be configured to display Flow Rate & Volume from a simple pulse flow-meter for fluid reservoir recharge applications.
- User configurable using simple PC interface.
- Rugged 316 Stainless Steel housing, 3000m deep water rated.
- Ultra-low power with selectable dormant state, can be deployed subsea for months before use.
- Rechargeable NiMH D Cell, Field replaceable with primary cell.
- Typical Battery Life: 7days (display on continuously). Note battery life will vary depending on brightness setting and duty cycle.
- 6 months standby (NiMH), 4 years (Primary).
- Low Battery warning.
- External zero (tare) capability.
- Suitable for any volt free sensor or 3v-5v Proximity Sensor.
- Wakened by ROV lighting system.
- User scaleable measurement value.
- Can typically be set to display Torque & Turns.
- Size: Ø50mm: x 230mm: Display 80mm x 72mm.
- Weight: 1.6kg (air), 1.2kg (water).
- Connectors:
 - Subconn MCDC8M (Sensor)
 - Subconn MCDC5M (Charge)
- Environmental: -10 to 50°C.



Description

The Zetechtics range of Jupiter Subsea Control Systems have led to the development of a stand-alone battery powered Subsea Display System (SDS). The SDS is a user configurable unit that can be set to act both as a counter AND as an analogue display on Subsea tools, modules & installations without the need for a complex control system or datalink.

The SDS allows critical measurements of process values such as turns, torque, pressure flow, or extension to be monitored at a low cost. The SDS can be set to accurately display correctly scaled values of any variable to 0.3%.

The SDS is supplied with a Strain Gauge analogue input and switch/proximity sensor input interfaces.

The user can set scale and other variables for each input to their particular application

The SDS has an inbuilt light sensor that actuates the display only when illuminated by ROV lights or Rig lights. This allows the SDS to remain dormant for years before operation and display.

Other products on this range include

2 Digit Subsea Display System
4 Digit Subsea Display System
Sensor Light System

Please see our website for more information.

