

Tool Control Unit for hydraulic operations / tools subsea

Description:

TCU is designed to control hydraulic tooling by delivering accurate flow and pressure to consumers. The unit can deliver 2 separate hydraulic lines containing 2 off 4/3-way proportional valves, gives individual flow control. All functions are controlled and monitored from surface control room. Open source protocol gives the opportunity to connect to existing control system, or use Depro's HMI Control & Logging Software. The enclosure is oil filled and pressure compensated.

Specification:

Dept rating: 3000 m
 Hydraulic inlet: 2 off 1/2" BSP
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 Hydraulic outlet: 2 off 3/8" BSP
 Hydraulic line 1: 0-60l/min @ 0-207 bar
 Hydraulic line 2: 0-20l/min @ 207 bar
 TCU board - Analog Inputs: 4 (4-20mA & 0-5V)
 □ One port can receive ASCII Code
 TCU board - Digital Inputs: 4
 TCU board - PWM Outputs: 6 x 2 (A&B)
 Communication: RS232, RS485 and Ethernet
 Supply Voltage: 24VDC
 Material: Aluminium 6082-T6
 Dimensions H x W: 301 x Ø175mm
 Depro drawing: DEP-GA-0397

Option:

Seperate Topside HMI Control System
 and 7" display delivered in a Pelicase.
 Depro Datasheet: DEP-DS-0441
 Depro drawing: DEP-GA-0411

