

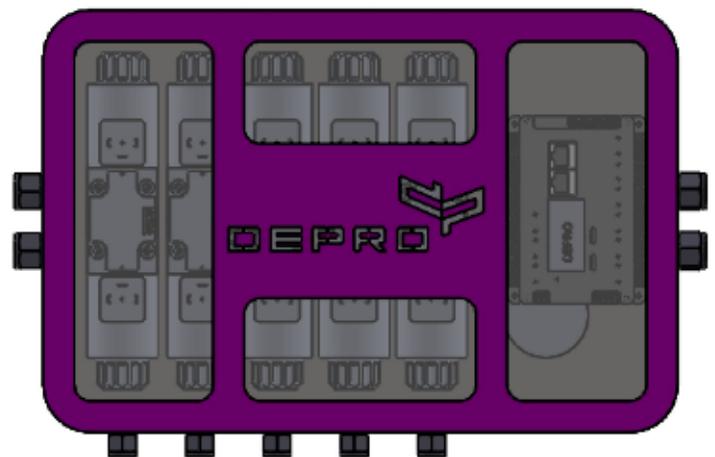
Control Unit for hydraulic tools, designed for subsea use.

Description:

TCU is designed to control hydraulic tooling by delivering accurate flow and pressure to consumers. The unit delivers 5 separate hydraulic lines containing 5 off 4/3-way proportional valves, which give individual flow control. More output lines can be generated by connecting more TCU's together. 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
 Hydraulic outlet: 10 off 3/8" BSP
 Hydraulic line 1-5: 0-20l/min @ 0-207 bar
 TCU board - Analog Inputs: 4 (4-20mA & 0-5V)
 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
 Weight in air: 13kg
 Dimensions W x D x H: 410 x 270 x 220mm
 Depro drawing: DEP-GA-0378



Option:

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