

Subsea valve pack with 8 high flow bidirectional, proportional and on/off directional valves.

Each channel features either proportional flow control or on/off up to 80l/min or 140l/min with minimum pressure drop.

Inlet oil pressure is monitored and a safety relief valve is installed on inlet to avoid overpressure. Valve control and communication is provided by Innova's PIO36 pressure tolerant controller boards, enabling full control of the valve pack via serial or Ethernet network (Modbus RTU or TCP).

Innova's topside GUI software is used to control and monitor all functions of single or multiple valve packs.

The valve packs can also easily configurable to allow integration with Client's existing control system.

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Part number: 5030748

Key features

• 8 off 4/3-way valves

• Flow rate (prop): 80 l/min

Rated on/off: 140l/min

Max rated pressure: 270 bar

• Max depth rating: 4000 m

HYDRAULIC FUNCTIONS

- 5 x 4/3-way NG10 proportional control valves
- 3 x 4/3-way NG10 on/off control valves
- Individual proportional pressure control on all channels
- Maximum Working Pressure = 270bar
- Valve max flow = 140lpm / 80lpm
- Pressure transmitters on each channel and on input

INTERFACE

- G3/4" hydraulic supply port (P)
- G1" hydraulic return port (T)
- G3/4" hydraulic outlets ports (A/B)
- G3/8"for external compensator
- G3/8" for comp. relief valve
- 1 x BH16M Connector for power and communication

SOFTWARE

Delivered with standard Innova software with graphical user interface to control each valve, read sensor values, calibrate sensors and log data. Our software engineers will also assist integration with existing control systems on reques

ELECTRICAL

- Input power: 24VDC 10A
- Communication: Ethernet, RS-232 or RS-485
- Innova PIO36 pressure tolerant embedded controller
- Water alarm
- Temperature sensor

MECHANICAL

- Hard anodized aluminium and POM housing
- Polycarbonate lid
- Weight: 140 kg (air) & 81 kg (water, excl. comp. fluid)
- Dimension: (L x W x H): 490 mm x 417 mm x 317 mm (excl. connector and compensator)
- Depth rating: 4000 msw
- Temperature range: -18 °C to 40 °C
- Optional kit: Delivered in a transport case, together with PC, GUI Software and required accessories

