

4-Station High Flow Valve Pack

Subsea Valve Pack



- Flow 120 L/Min
- Waterdepth 3000 meter
- Individual pressure and flow control
- Auxiliary signal input
- Compensation fluid filling and air bleed
- Pressure monitoring
- Pressure 210 Bar
- Field proven
- High flow outputs
- Water ingress alarm
- Ethernet and serial comms

Specifications

4-Station High Flow Valve Pack

General technical specifications

Type	4-Station Valve Pack PVG
Part number	116716
Weight in air / submerged	30 kg
Dimensions (L x W x H)	433 x 349 x 273 mm

Environmental data

Design lifetime	25 Years with normal maintenance
Depth rating	3000 meter
Operating temperature	-10°C/ + 70°C
Storage temperature	-20°C/ + 50°C

Electrical data

Supply voltage	20...30 VDC
Supply max current	10 A
COMS	Ethernet / RS232
Earthing / Ground connection size	Threaded M10

ROV Electrical interface

Connection J1	Connector Glen Air G5506-1508-0004
Input O1	Connector Glen Air G5506-1508-0004
Connection J1 Pin-out	Pin 1 – 0V Pin 2 – 24 VDC Pin 3 – RS485 D- Pin 4 – RS485 D+ Pin 5 – TX+ Pin 6 – TX- Pin 7 – RX+ Pin 8 – RX-
Connection input 1 Pin-out	Pin 1 – 0V Pin 2 – 24 VDC Pin 3 – 4-20mA Pin 4 – NC Pin 5 – NC Pin 6 – NC Pin 7 – NC Pin 8 – NC

Note: The specification details are illustrative for marketing purposes only.
Actual equipment may be different as a result of product improvement or other reasons.
Specific interface and performance information should be reconfirmed at time of order placement.

Specifications

4-Station High Flow Valve Pack

Hydraulic data

Number of function lines	4 x
Supply pressure (from ROV)	207 Bar
Supply flow (from ROV)	200 L/min
Fluid compatibility supply (from ROV)	Hydraulic oils of power classes (HL, HLP) to DIN 51524. Water Glycol fluid; HFC Fluids (consult with OEM)
Fluid compensation	Shell Tellus T or compatible type

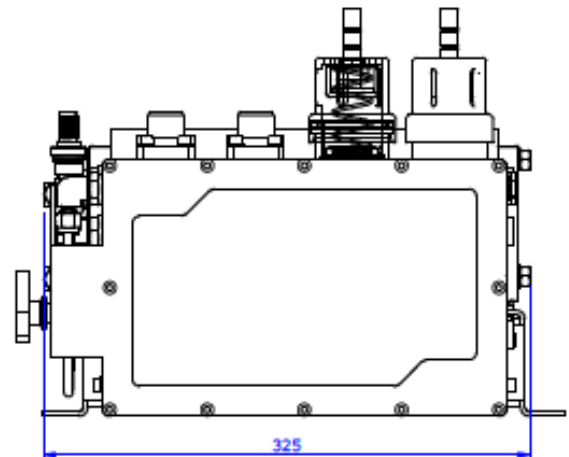
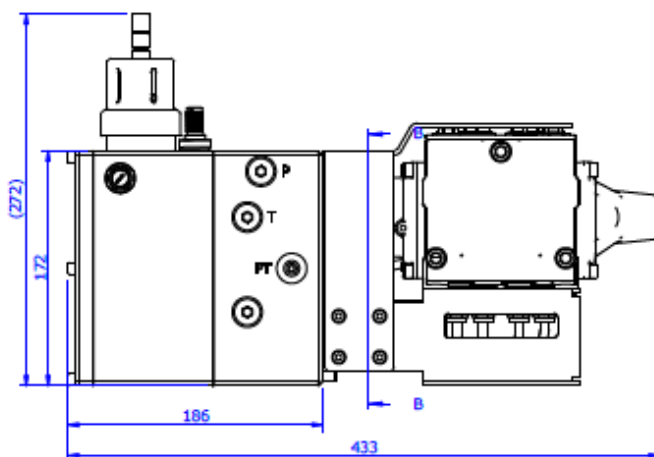
ROV Hydraulic interface

ROV supply	1 inch BSP
ROV return	1 inch BSP

Hydraulic interface

Port 1 a/b	½ inch BSP – 25l/min
Port 2 a/b	½ inch BSP – 120l/min
Port 3 a/b	½ inch BSP – 120l/min
Port 5 a/b	½ inch BSP – 25l/min

Dimensions

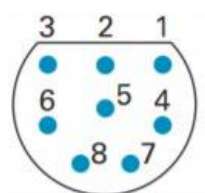
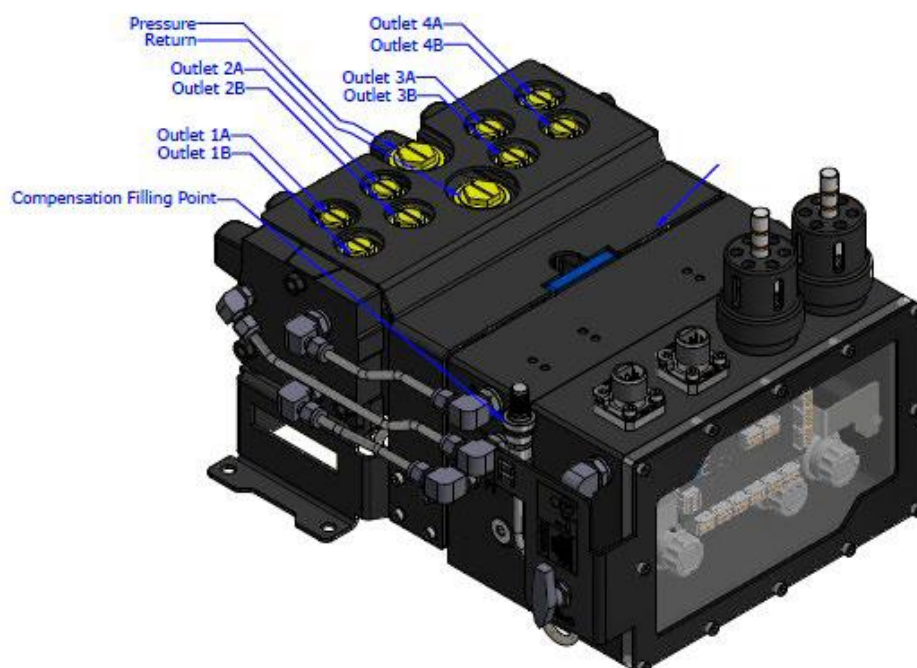


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Specifications

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Hydraulic ports and connector pin-out



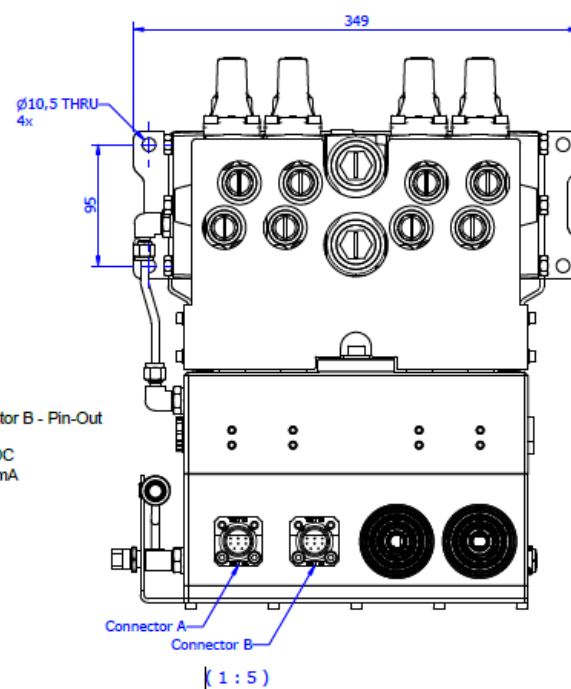
5507-1508 Face view

Connector A - Pin-Out

1. 0 V
2. 24 VDC
3. RS485 D-
4. RS485 D+
5. Eth TX +
6. Eth TX -
7. Eth RX+
8. Eth RX -

Connector B - Pin-Out

1. NC
2. 24VDC
3. 4-20mA
4. NC
5. NC
6. NC
7. NC
8. NC



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