

4-Station Small Valve Pack

Hydraulic control system



Features

- Compact and low weight
- High reliability proportional valves as standard
- Pressure and flow regulation on each outlet
- Pressure sensor feedback
- Pressure tolerant electronics
- Hardware and GUI control with diagnostics
- Rated to 3000MSW
- RS232 / 485 or Ethernet communication

Typical operations

- Intervention works
- Subsea control system
- Subsea tooling

Specifications

4-Station Small Valve Pack

General technical specifications

Type	4-Station Small Valve Pack
Part number	101213
Materials	Alu 6082-T6, Xylan / Hard anodized. Polycarbonated Lid
Weight (in air / submerged)	~35kg / ~17kg
Dimensions (l x w x h)	354 x 340 x 208 mm
Operating temperature	-10°C / + 60°C (14°F / 122°F)
Fluid compatibility	Mineral based Oil / Water based Glycol *

*Please contact us for more information regarding water based fluid compatibility

Hydraulic data

Max. operating pressure -P, A & B Port	275 Bar (4.000 PSI)
Max. operating at T port	50 Bar (725 PSI)
NG4 Nominal flow rate Qn at DP = 10 Bar	22 L/Min
NG4 Qmax	30 L/Min
NG6 Nominal flow rate Qn = 10 Bar	30 L/Min
NG6 Qmax	40 L/Min
Viscosity range	20 ... 400mm ² /s

Port & Valve specifications

Port 1 – A/B	NG 6 Prop Directional Valve Prop. Pressure Regulation (incl. pressure sensor) Connection: 3/8" BSP Female
Port 2, 3 and 4 – A/B	NG 4 Prop Directional Valve Prop. Pressure Regulation (incl. pressure sensor) Connection: 3/8" BSP Female
P and T Port	Connection: 1/2" BSP Female
Housing connections	8 x 3/8" BSP Female

Specifications

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Electrical

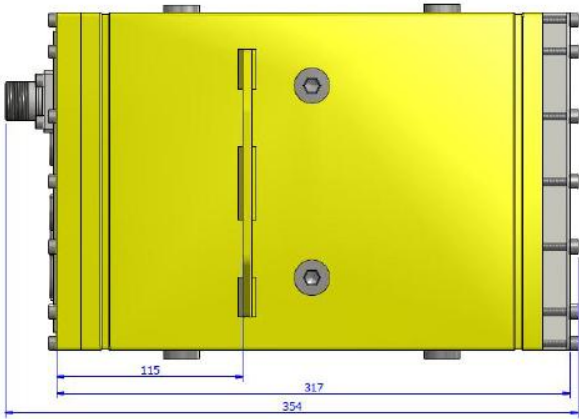
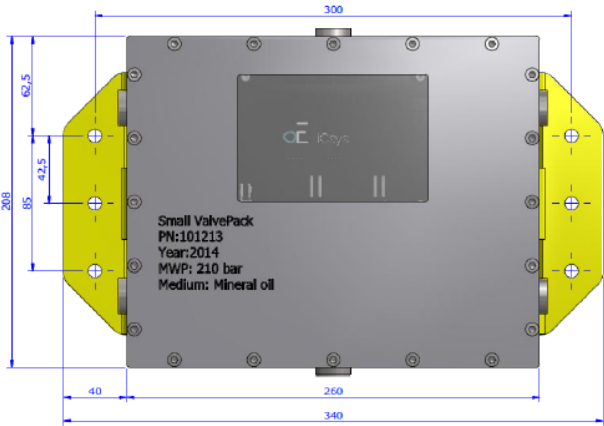
PCB	Ixys Control PWM PCB
Nominal voltage	20..30VDC
COMS	Ethernet (RS232 / 485 Optional)
Connector	5506-1508 (55 series, shell size 15, 8-Pin)

Pin-out

PWR & COMS

Pin 01 – 0 VDC	Pin 05 – TX+ ORG /WHT
Pin 02 – 24 VDC	Pin 06 – TX- ORG
Pin 03 – RS 485 +	Pin 07 – RX+ GRN/WHT
Pin 04 – RS 485	Pin 08 – RX- GRN

Dimensions



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.