



3xPT

Pressure Sensor Unit

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Intervention systems, ROVs and trenchers are often expanded or upgraded, requiring more functions and more sensors. The 3xPT pressure sensor unit offers 3 extra pressure sensors in the smallest possible volume, and with the simplest possible electrical interface.

The sensor unit is pressure compensated with its own, integrated compensator membrane, and the 3 pressure sensors will measure relative to ambient pressure. The pressure sensors can measure water or oil pressures, and can be used in a variety of applications, including monitoring of hydraulic functions, water pumps, and load on cylinders.

All hydraulic connections and the electrical connector are placed in one end. Each pressure sensor is available through a 1/4" BSP port or a 3/8" MP port (Autoclave), and the electrical signals on a Burton 5507-1508.

Key features

- 3 pressure sensors
- Small volume: Ø128 x L 110 mm
- Connector: Glenair G5507-1508-004
- Pressure compensated with its own, integrated compensator membrane
- 0- 1000 bar

WIRING

Pin 1	+24 VDC	4-20 mA (optional 1-5 V)
Pin 2	+24 VDC	
Pin 3	+24 VDC	
Pin 4	NC	
Pin 5	NC	
Pin 6	Output 1	
Pin 7	Output 2	
Pin 8	Output 3	
Connector	Glenair G5507-1508-004	

SENSORS

Accuracy:	< +- 0.5 % of full scaled (combined line activity, hysteresis and repeatability)
Pressure range of sensors:	-1 to 10, 0-10, 20, 40, 100, 160, 250, 400, 600, 1000 bar (bar)
Pressure overload:	2x rated pressure
Burst pressure:	5x or 1580 bar, whichever is less

MECHANICAL

Material:	AISI 316
Size:	Ø128 x L 110 mm (excl. connectors and fittings)
Weight in air:	7.7 kg
Depth rating:	300 bar/3000m (Pressure compensated)

HYDRAULIC INTERFACE

40 - 600 bar	1/4" BSP F
1000 bar	3/8" MP F (Autoclave)



CUSTOM BUILDS AVAILABLE ON REQUEST

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Note: We accept no liability for any printing errors or changes in specification.

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