

MANIPULATOR INTELLIGENT VALVE PACK

MANIPULATOR
ACCESSORIES



Description

Manipulator intelligent valve pack has been designed to enable fully proportional control of manipulator arms.

Supplied with touchscreen control box the inbuilt software allows fine control of various manipulator arms without the need for electric sensors.

Controlled with wireless gamepad the system is intuitive and easy to operate.

Typical Operations

- Atlas Manipulator
- Orion Manipulator
- Titan 4 Manipulator

Features

- Enables Fully Proportional Control
- Rate Control of All Joints on Software
- Gamepad control
- Custom GUI
- Close Fitted IVP
- 2 Hoses and 1 Cable to Connect
- Compact
- No Electric Sensors Required with Arm



Specifications

Manipulator Intelligent Valve Pack

General Technical Specifications

Type Manipulator Intelligent Valve Pack
Part Number 3365.9331

Hydraulic

Max Input Pressure 250 Bar
Max Comp Pressure 1.5 Bar
Output Flow 8 L/min

Connection ROV Pressure JIC #4
Connection ROV Return JIC #6

Technical

Depth Rating MSW 3000

Communication

Connector RS232
8 Pin Burton

Typical Operations

- Compact, lightweight, durable
- Cost effective
- User friendly, easy to navigate GUI
- Pressure tolerant electronics
- Uses proven Wandfluh NG3 vales
- Serial control
- Software diagnostics
- Phoenix connectors mounted on top of the valves facilitate the ease of removing the valves from the pack without disturbing the harness also when the need arises to change over from the on/off valves to proportional valves
- 2 x manual pressure reducing valves
- Externally adjustable SS flow control valves
- Externally adjustable pressure line relief valve
- Removable PO check valve on stations when not required
- 8 x Digital inputs
- 16 x Analogue inputs
- Full certification
- Pressure tested
- Flushing tested
- Electrically tested earth leakage test
- Mounting plate adaptor

