



PT ETH Switch

innova.no

Part number: 3163100

The Innova Pressure Tolerant Ethernet Switch is designed for reliable networking in subsea and pressurized environments. Built for operation in oil-filled systems at depths up to 4000 msw, it provides a solution for expanding connectivity in demanding applications.

The switch features 8 Ethernet ports, with 4 ports supporting Gigabit Ethernet (10/100/1000 Mbps) and 4 ports limited to 10/100 Mbps, enabling integration of multiple sensors and external equipment such as IP cameras and sonar systems.

Key features

- Pressure tolerant
- 8 Ethernet ports
(4 ports locked to 10/100 Mbps)
- Daisy chain

Preliminary version No. 03

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

PHYSICAL DIMENSION

- Size: 100 mm x 100 mm
- Mounting: 5x M3 Holes

ENVIRONMENTAL

- Pressure: 4000 msw.
- Temperature: -20°C to +70 °C

COMMUNICATION

- 4x Gigabit Ethernet (10/100/1000BASE-T)
- 4x Fast Ethernet (10/100BASE-T)

TERMINALS / CONNECTORS

- Power input: Molex 43045-0400
- Mating connector for power: Molex 43025-0400
- Ethernet: 8x Molex 503148-0890
- Mating connector for Ethernet: 8x Molex 503149-0800
- Digital inputs: 1x Molex 43045-0600 (for future use, i.e. water alarm, flowmeter or similar)

POWER

- Input voltage: 24 VDC (10 to 30 VDC)
- Idle current: 140 mA @ 24 VDC

FUTURE SW

- Web page with diagnostics and individual channel control

