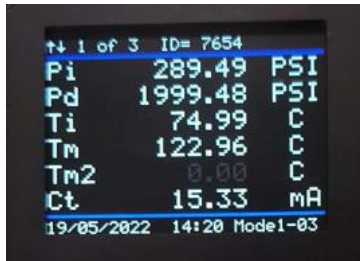


# DATASHEET



### Product Description

The Integrated Surface Panel (**ISP 3**) is a standalone data management system that uses a modular design concept to display, log and monitor downhole conditions in real-time for maximum pump protection and optimised production from the well.

### Key Features

- Colour display
- Secure digital non-volatile flash memory
- Integrated keypad
- Alarm/Trip relay
- Onboard diagnostics with live reporting

The inbuilt gauge interface module sends power to the downhole gauge and decodes the returning gauge signal, whilst our second-generation colour LCD provides a clear and concise overview of operating parameters and key diagnostic data. The removable SD card is internally located and is capable of storing over five years' worth of data at its maximum sample rate. Saved as a .csv format, the log files can be viewed with Microsoft Excel or other .csv compatible software. The integrated relay port can be programmed to activate on 2 different monitoring parameters simultaneously.

Powered from an AC or DC supply and housed in an IP rated enclosure, **ISP 3** is capable of being mounted in harsh environments and can be connected to a variety of wellsite equipment from switchboards and variable speed drives, to RTUs and SCADA systems, using an isolated RS485 Modbus RTU and/or Analog channel.

An integrated alphanumeric keypad simplifies initial setup, configuration and ongoing user interaction.

### Specification

Enclosure	Aluminium, IP66 rated
Power supply	24VDC, 110 to 230 VAC 50-60Hz, 15W to 25W (typical)
Connections	20mm cable gland
Data storage	SD card up to 128Gb
Display	2.5" colour LCD with screen saver function
Keypad	Alphanumeric
Communications	RS 485/232 Modbus RTU
Analog channel	4-20mA or 0-10VDC
Relay Driver	NC/NO. Configurable for up to 2 parameters
Operating temp	-30°C to 75°C
Weight	3kg
Dimensions	19cm x 25cm x 10cm
Safety Protection	Electrical fuse and current limit

\* Specifications are subject to change. Alternative specifications are available upon request.