

# DATASHEET



### Product Description

**ISM 2** is an integrated surface module with gauge decoding, data logging and display capability. Featuring an isolated RS485/232 Modbus RTU connection, this module is designed to communicate with a variety of wellsite equipment including variable speed drives (VSD) and remote terminal units (RTU) for SCADA integration.

### Key Features

- Colour display
- Secure digital non-volatile flash memory
- Integrated keypad
- LED Indicators
- Supports Modbus RTU protocol

The removable SD card located on the bottom of the **ISM 2** is capable of storing over one year of data at the maximum sample rate. Saved as a .csv format, the log files can be viewed with Microsoft Excel or other .csv compatible software.

**ISM 2** is powered by a 24VDC supply and is protected by an IP30 rated metal enclosure with DIN rail clips for internal mounting.

An integrated alphanumeric keypad provides a quick and easy way to configure **ISM 2** for specific application needs.

Specification	
Enclosure	IP30 rated, DIN rail mounted
Power supply	24VDC @ 350mA
Connections	Multi-way terminal block plug with female sockets
Data storage	SD card
Display	2.5" Colour LCD
Keypad	Alphanumeric
Communications	RS 485/232 Modbus RTU
Analog channel	4–20mA or 0–10VDC
Relay	Normally open contact; Max: 125VAC @ 300mA; 60VDC @ 1A
Operating temp	-30°C to 75°C
Weight	<1.0Kg
Dimensions	6.5 x 4.3 x 1.8" [165 x 110 x 45mm]   With fittings: 6.9 x 4.3 x 2.8" [175 x 110 x 70mm]

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