GAS-PCP-JET-ROD SYSTEMS
GIM 4

Oxford Monitoring SOLUTIONS
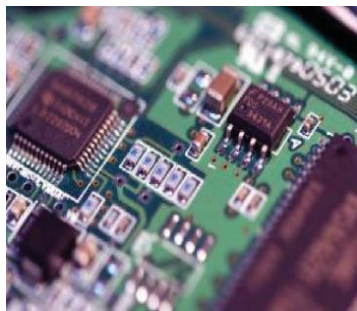
DATASHEET

Product Description

The Gauge Interface Module (**GIM 4**) is a cost effective, entry-level analog and digital decoder, used to send power to the downhole gauge and decode the returning gauge signal.

Housed in a DIN rail enclosure, the **GIM 4** offers alarm and trip relay control, a 16-bit 4-20mA isolated analogue output, RS232 & RS485 RTU Modbus interfaces and a digital input.

The **GIM 4** can be configured for use with OXMOS permanent gauges or 3rd party 4-20mA sensors operable within the **GIM 4** power supply limits. Multiple permanent gauges can be connected on a single line in the same well and be decoded by a single **GIM 4**[*].

Using a compact design, the **GIM 4** can be integrated inside 3rd party equipment such as a switchboard, variable speed drive (VSD) or Remote Terminal Unit (RTU).

A range of surface controller upgrades are available that includes data logging, OLED display, graphical trending and multiple I/O to meet specific end user requirements.

Specification

Power	
Supply Voltage	18 to 30VDC
Supply Current	60mA to 140mA (typical)
Relay contacts, Vmax	60VDC, 125VAC
Relay contacts, Pmax	60W
Analogue Loop Supply	24VDC
Digital Inputs	18 to 24VDC
I/O	
	1x Isolated RS485/232
	1x Isolated RS485 (Engineer Port)
	1x 4-20mA input
	2x 4-20mA Isolated output
	2x relay contacts
	2x Isolated Digital Input
Communications	
External Slave Port	RS485 2-wire; 9600 baud; 8 data bits; 1 stop bit; no parity; address 10
Operating Temperature	
Operating temp	-30 to +75C
Enclosure	
Case	IP30 rated
Weight	0.5Kg
Dimensions	11 x 16.5 x 4.5cm

* Specifications are subject to change. Alternative specifications are available upon request.
* Contact your OXMOS sales representative for further details.