

METHANE MASTER

Leading shut-down & start-up system in Australia

METHANE MASTER

- ✓ Intrinsically Safe Sensor
- ✓ Improved Ingress Protection
- ✓ Infrared sensing technology
- ✓ Multiple sensor capability
- ✓ Fast warm up times
- ✓ Ruggedized stainless steel construction
- ✓ Not susceptible to 'poisoning'
- ✓ Utilises Nautitech's  display
- ✓ 100% Australian owned and made
- ✓ Full 1 year warranty and servicing

"Your methane system is much more advanced than the competition" - Kurt



"Your methane systems are one of the simplest, and are very reliable - up there with the best" - Peter

RioTinto

Continuous Gas Monitoring

CUSTOMISE YOUR SYSTEM

INCLUDED COMPONENTS

INSIDE ENCLOSURE

Sensor interface board included



DISPLAY

New **HAWKEYE** display with full colour graphics

NEW
HAWKEYE
DISPLAY UNIT



FITTING

For socketed Rapidsense I.S. sensor head

RAPIDSENSE I.S. SENSOR HEAD

For continuous methane monitoring

FILTER KIT

For increased Ingress Protection

SNOUT

Designed for fast sensor head removal for calibration (simply remove grub screws and unscrew snout to remove head)

CUSTOMISABLE

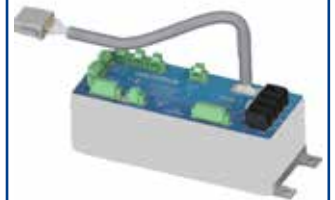
MEDIUM FLAMEPROOF ENCLOSURE



BATTERY CHARGER



NEW 7V BATTERY WITH I.S. AND NON I.S. OUTPUTS



AIR SOLENOID



COMPONENTS

LARGE FLAMEPROOF ENCLOSURE



R

PMU: POWER MANAGEMENT UNIT

ECU: ENGINE CONDITIONING UNIT

NEW 12V BATTERY WITH I.S. AND NON I.S. OUTPUTS

EX ia POWER SUPPLY



SENSOR OPTIONS



PRESSURE SWITCHES
Customisable to any defined pressure range



PRESSURE SENSORS
Low pressure (0-100kpa) to high pressure (0-3500kpa)



SWITCHES
Allows for customisable switching



CAN GAUGES
Pedal Position, Linear Floats, Switch Based Floats, 6 switch Can Gauge, 3 Axis Gyro



TEMPERATURE SENSORS
For On-Engine and/or remote sensing (0-125 °C)



INJECTORS
For CATERPILLAR or CUMMINS engines



HEUI PUMP
For fuel regulation



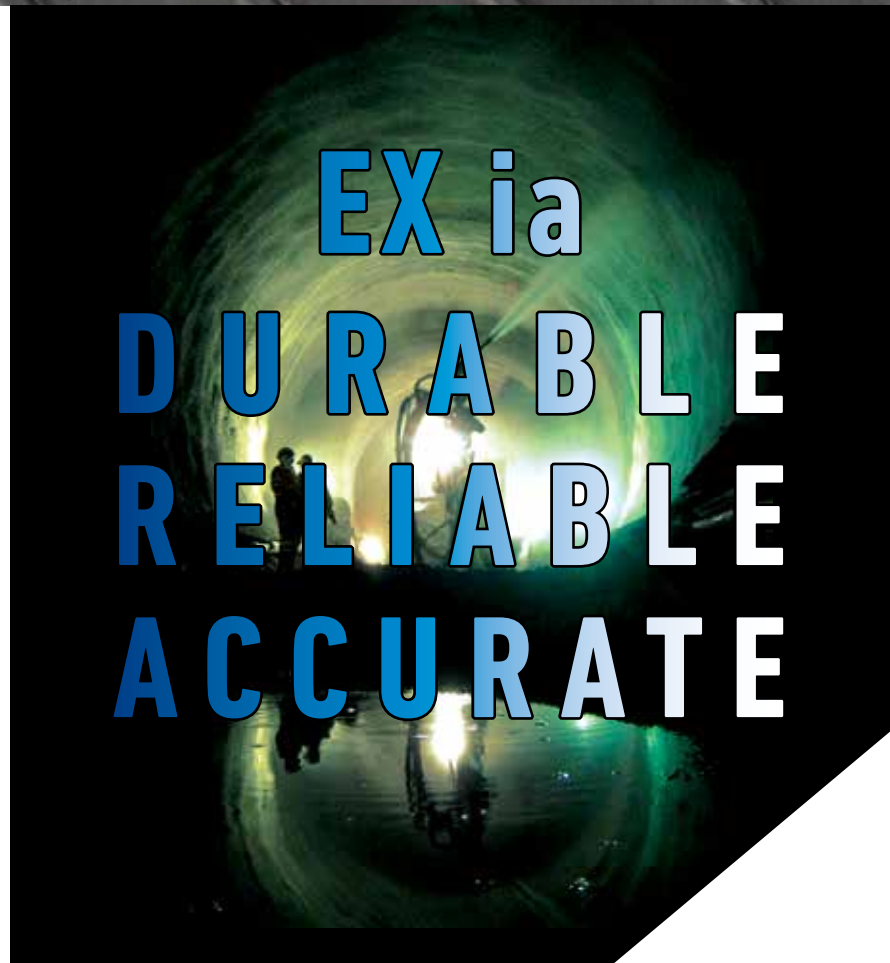
COOLANT FLOATS
For header tank

SERVICE & SUPPORT

Nautitech provides a full support service for customers such as:

- ✓ CODE & AS3800 work
- ✓ NATA - CH4 sensor calibration
- ✓ Installation of all systems
- ✓ Training of your technicians
- ✓ Provision of manuals
- ✓ Quotes for new systems

Our assistance is available throughout the product's life cycle and its renewal. As our systems are SIL rated, we advise Nautitech's involvement in service and code work to ensure the product's longevity.



CERTIFICATIONS



Range Methane	Accuracy	Operating Voltage Range	Operating Temperature Range	Humidity	Certifications
0-5% v/v	0.1% CH4	7-16VDC	-20 to +60 deg. C	0-95% non-condensing	IECEx ITA 14.0009X IECEx ITA 13.0021X MDR 141807 GD-0

Please contact Nautitech regarding cable specifications & the best system solution for your unique application.

It is recommended that only Nautitech ancillary equipment be used which is listed in our product manuals.

Doing otherwise may result in less than optimal operating performance or failure of which Nautitech will not be held responsible for.