

Keep cool and keep cooling systems safe and efficient with NET INFRA-RED SENSORS



At Nano Environmental Technology (NET Srl), we have done all the hard work to ensure an easy and reliable measurement of refrigerant gases.

Our miniature IREF-P sensors contain high performance MEMS Infrared sources and sensitive detectors,

coupled with sophisticated drive circuitry to provide a stable, linear and temperature compensated voltage and digital outputs.

The base features of the IREF-P sensors are:

- Miniature 32mm (1.26") diameter industry standard package
- Standard pinout
- Complete control of the device via digital communication, with modbus protocol
- Very fast response
- Measurement in the ppm range
- High stability and robustness
- SIL2 (TUV approval)



- Available for R1234yf, R1234ze, R507, R125, R134A, R404A, R407A, R407F, R410A, R449 (New gases available on request)
- Competitive price position
- Compliant with forthcoming refrigerant legislation changes
- Completely developed and manufactured in Italy
- Also capable of measuring SF6, an inerting gas

Other options include 4-20mA transmitter, ATEX/IECEx and IP65 certified enclosures and built-in gas inlets for aspiration applications.

NET can also offer a wide range of IR sensors for other gases, like CO2 and Hydrocarbons, and a complete line of electrochemical cells for NH3 and other toxic gases.

Visit our website: www.nenvitech.com

Useful accessory set for Thyracont's VD8 compact vacuum meters



Thyracont's versatile VD8 vacuum gauges measure absolute pressure in the range of 1600 - 5x10⁻⁴ mbar and are known to be reliable testing tools in the fields of industry, research and service.

The most popular of these are now available as a practically compiled set VD8ZUB for a favorable package price.

A USB cable for the connection to a PC, a license for the available VacuGraphTM Windows Software to record and analyze measurement data as well as a 9V replacement battery are included in a compact protective case with foam protection which also provides room for the vacuum gauge itself. The data logger function of the vacuum gauges, which can save 2,000 measurements internally. With the help of the software, saved measurements in the data logger can be transferred to a PC or recorded and tracked on the PC, in real time during the measurement. An export function facilitates the transmission and analysis of the data in MS Office, e.g. Excel. The VacuGraphTM software also offers a simple feature to calculate the

leakage rate of a vacuum chamber.

In addition to that, the case contains a far range power supply pack which can be used worldwide and be equipped with country-specific changeable power plugs. Besides the products which are included in this set, Thyracont offers further interesting accessories particularly flanges and fittings, connectors and adaptors for the gauges to be mounted and installed on-site.

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www.thyracont-vacuum.com/products/vd8-digital-vacuummeters/vd8zub-accessory-set-for-vd8-compact-vacuum-meters/

Battery Powered Universal RTU & IoT Terminal



From within its compact & robust case the NanoULTRA™ packs a big punch!

- Huge connectivity (Analogue, Digital, Serial, Modbus, CANbus 12c, SPI, etc)
- Autonomous Operation (Low power for battery use and GSM connectivity)
- On Board SD card "flight recorder" for granular data
- Instant SmartHub access for Internet of Things!
- Small footprint (109 x 29 x 95

mm)

- Over 4 years of battery life possible due to its world beating low power consumption
- PDF data sheet

Caption Data staff will help at every stage throughout the selection and testing process to ensure the best outcome for your trials. Why not give us a call to discuss your application?

Email: Sales@captiondata.com
www.captiondata.com

PCB Piezotronics offers "on your desk in five days" service

PCB Piezotronics, a world leader in piezoelectric vibration, pressure, force and acoustic sensors, has announced that its most popular products are now available "on your desk in five days" as part of the company's Total Customer Satisfaction guarantee.

Commenting on the five-day service, Graham Turgoose, Managing Director, PCB Piezotronics Ltd, said: "The company prides itself on being able to deliver products quickly in the UK and we believe this to be our customers' number one priority so we

are concentrating on ensuring that the widest possible range of products can be delivered from stock and on the customer's desk within five days."

He continued, "There are currently around 100 of our most popular models maintained at high stock levels in our ready to ship range and covered in the five-day delivery programme. A further 150 stock items are normally available on the same basis, many held in our European distribution centre. The quoted delivery of five days is worst case and an order placed on a Friday will typically be on the customer's desk by Monday with week



day orders normally taking three to four days"

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Digital hand-tachometers and ATEX certified devices from RHEINTACHO