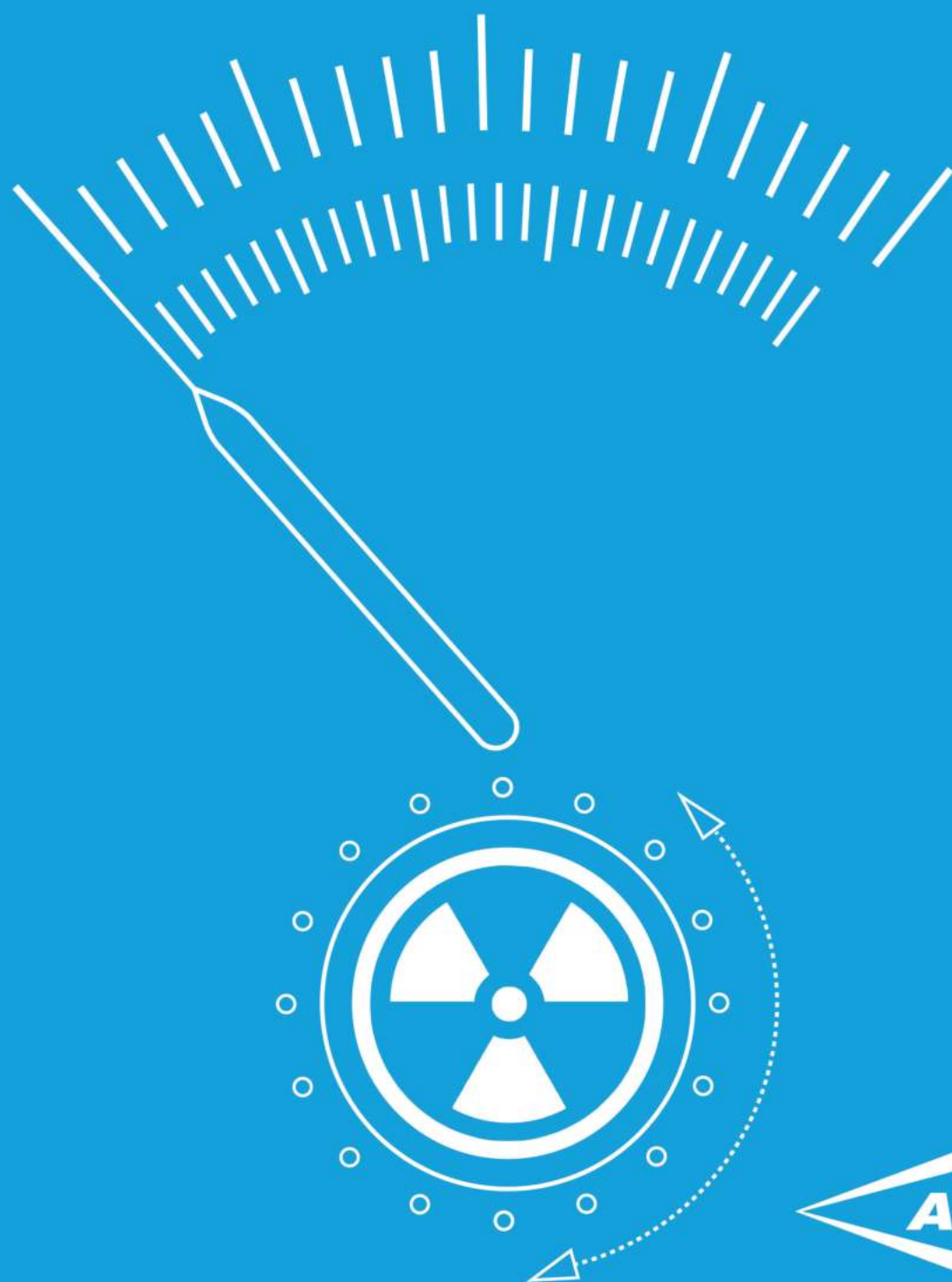


TEST, MEASUREMENT, & RADIATION DETECTION



LOCAL STOCK & SUPPORT

ADM HAS ESTABLISHED A SOLID REPUTATION IN AUSTRALIA OVER THE PAST 35 YEARS AS A TRUSTED PROVIDER OF HIGHLY ACCURATE RADIATION DETECTION EQUIPMENT AND OTHER TEST AND MEASUREMENT INSTRUMENTS. OUR PRODUCTS ARE KNOWN FOR THEIR DEPENDABILITY, PRECISION, AND AFFORDABILITY.

ADM's primary objective is always customer service. This means prioritising meeting the needs and expectations of our customers above all else. To achieve this objective, ADM works closely with our suppliers for over three decades. Carrying stock locally, providing application-specific advice, and offering complete solutions are all part of our service offering. ADM holds stock locally, so that the item you want is readily available when you need it. This allows for quicker delivery times and the ability to respond to your needs more rapidly. Providing application-specific advice means that ADM offers expertise and guidance tailored to your specific needs and applications. This ensures that you receive the best advice possible and can make informed decisions.

Thermo
SCIENTIFIC

THERMO FISHER
SCIENTIFIC

WAVECONTROL

WAVECONTROL

Lutron

LUTRON



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OUR SUPPLIERS

INDUSTRIAL FEATURED PRODUCT

RADEYE HANDHELD RADIATION DETECTORS

Thermo
SCIENTIFIC

The Full Range of RadEye Handheld Radiation Detectors is available from ADM Nuclear Technologies.

Advanced handheld instruments for radiation detection, gamma dose rate measurements & area monitoring.

- Rugged and reliable
- Large graphic display
- Lightweight instruments, starting from 160 g
- Simple & intuitive user interface
- Easily configured for specific tasks
- Durable & shock resistant
- Accurate with excellent EMI immunity
- Low power technology
- Use of rechargeable standard-size batteries



IONISING RADIATION

ELECTRONIC DOSIMETERS



- Personal electronic dosimeter providing protection from gamma & neutron radiation
- Excellent response
- 15 keV to 10 MeV energy range

DOSE RATE METERS



- High sensitivity for X-Ray, gamma & neutron radiation
- 17 keV to 3 MeV energy range
- Range: 0 - 100 mSv/hr
- Wide variety of models for all applications

CONTAMINATION MONITORS



- High sensitivity for alpha, beta & gamma radiation
- 17 keV to 3 MeV energy range
- Portable & permanently mounted solutions

IONISING RADIATION FEATURED PRODUCT

THERMO SCIENTIFIC RADEYE B-20 SURVEY & DOSE RATE METER

The RadEye B-20 is a versatile modern and compact survey meter that measures alpha, beta, gamma and X-ray surface contamination. In addition these pocket-sized instruments can also be used for accurate dose rate measurements, if used with optional energy compensated filters (17 keV - 3 MeV).

- Energy range: 17 keV to 3 MeV
- Light weight (300g), excellent grip with and without gloves
- Huge internal data memory for both scaler results and continuous data recording



NORM & NON-IONISING RADIATION DETECTORS

EMF METERS

PERSONAL EMF METERS



- Quick & reliable measure
- High intensity audible & vibration warnings
- High capacity data logging

PROFESSIONAL FIELD EMF METERS



- Measurement from DC to 60 GHz with different field probes, RMS, isotropic
- Electric (1 Hz to 60 GHz) & Magnetic Fields (DC -1 GHz)
- High capacity data logging

EMF AREA MONITORS



- 24/7 monitoring
- Web interface for remote management
- Real time audible & visual alarms

NORM RADIATION DETECTORS

RADON DOSIMETERS



- Measurement range: 0 - 4,000,000 Bq/m³
- User-friendly one-button operation
- Memory for 720 data records

RADON AIR SAMPLER MONITORS



- Desktop and personal devices
- Devices for continuous air monitoring
- Devices for inhalation dose measurement

RADON & THORON MONITORING SYSTEMS



- Radon & Thoron Dose Evaluation
- Measurement of concentration of Gas & Decay Products
- High sensitivity

ADM NUCLEAR TECHNOLOGIES

Australia's experts in the supply, calibration and servicing of radiation detection equipment. Radiation detection and monitoring equipment for almost any application.

SERVICES

- Expert advice on selecting the correct instrument
- Calibration services
- Repairs and maintenance
- Source acquisition and disposal

PRODUCTS

- Personal dosimetry (active & passive)
- Survey meters & contamination monitors
- Blood irradiation systems
- Identifiers
- Shielding materials



WATER QUALITY MEASUREMENT

MULTI-PARAMETER METERS



- Multi-parameter water quality meters with integral data logging
- pH/ORP, DO, CD/TDS sensors
- Large LCD with green backlight

CONDUCTIVITY METERS



- Conductivity meters with removable SD card data logging
- Ranges: 200 uS/2/20/200 mS
- Automatic temperature compensation

PH METERS



- pH meters with removable SD card data logging
- Range: 0-14 pH
- Automatic temperature compensation

DISSOLVED OXYGEN METERS



- Dissolved oxygen meters with removable SD card data logging
- Range: 0 - 20 mg/l
- Automatic temperature compensation

SALINITY METERS



- Salinity measurement: 0 to 10.0% salt (% weight)
- Large LCD display, 21.5mm digit height
- Automatic temperature compensation

TURBIDITY & CHLORINE METERS



- Turbidity: 50.00 NTU, 50 to 1,000 NTU
- Free & total chlorine
- Light source: LED, 850nm & 525 nm respectively

FEATURED PRODUCT

LUTRON PWA-301 PURE WATER METER

- For testing the water quality in production processes, aquariums, food processing, etc.
- Can be used to test domestic water supply to assess effectiveness of filtration systems.
- Measures conductivity value (ranging from 0 - 1,999 uS), which determines the purity of the water.
- Conductivity value will be low if there are less impurities in the water.
- All-in-one pen type meter with probe.
- Carbon rod electrode for long life.
- Built-in temperature sensor with automatic temperature compensation.
- IP67, water ingress resistant.
- Data hold function for freezing the desired value on the display.
- High accuracy.



ENVIRONMENTAL MEASUREMENT

MULTI-FUNCTION METERS



- Multifunction meters capable of measuring 1-11 parameters depending on the model
- Parameters available: Light, air velocity, air flow, humidity/temperature, pressure, dew point, wet bulb, wind chill, heat index, altitude & sound level

NOISE DOSIMETERS



- Noise Dosimeter with removable SD card data logger
- Standards IEC61252, ANSI S1.25 for noise dose & sound exposure meters, IEC 61672 Class 2 / ANSI S1.4 Type S for sound level meters
- A or C frequency weighting

SOUND LEVEL METERS



- Class 1 & 2 Sound Level Meters
- Real time data logging onto a removal SD memory card
- Frequency & time weighting meet IEC61672 class 1

ANEMOMETERS



- Vane & mini-vane anemometers
- Hot wire anemometers
- With & without data logging capabilities

HYGROMETERS



- Precision hygrometers to measure humidity (%RH), wet bulb temperature
- Removable SD card real time data logging

MOISTURE METERS



- Moisture measurements in wood, concrete & soil
- Range: 6 - 40%
- Data logging optional

FEATURED PRODUCT

LUTRON DS-2013 NOISE DOSIMETER

The DS-2013 is a personal noise dosimeter that meets IEC61252, ANSI S1.25 for noise dose & sound exposure meters, IEC 61672 Class 2 / ANSI S1.4 Type S for sound level meters.

It features A or C frequency weighting and can be set to a fast or slow response rate. It can be used to measure noise levels directly or as a dose meter with selectable measurement durations from 1 minute to 24 hours.

It includes a microphone & the ability to log data on a removable SD memory card.



ENVIRONMENTAL MEASUREMENT

LIGHT METERS



- Light meters, 4 light type
- Bar graph display, wide range
- 40.00/400.0/4,000/40,000/400,000 Lux
- Lux or Feet candle-unit

UVA, UVB, UVC METERS



- UV light meter
- Spectrum: 290 nm - 390nm
- Application: UVA, UVB or UVC measurements

SOLAR POWER METERS



- Wide spectral range, long term stability cosine correction
- Range: 0 - 2000 W/m²
- Spectral response: 400 to 100 nm

RF EMF METERS



- Wide range of EMF testing equipment
- Incl.: 3 Axis RF electromagnetic field meter
- 100 KHz to 3.5GHz
- 3 axis probe structure

HEAT INDEX METERS



- Measurement: WBGT value (Indoor/Outdoor wet bulb globe temperature)
- Black globe temperature
- Humidity, air temperature, wet bulb temperature, dew point temperature

THERMOMETERS



- Conventional PT100 or thermocouple measurements
- IR low & high temperature measurements
- Removable SD card data logging optional

FEATURED PRODUCT

LUTRON PM-1064SD

- Monitors air pollution caused by dust, petrochemicals, smoke, burning of fossil fuels and by vehicles.
- Real-time monitoring of the concentration of PM2.5, humidity & temperature indoors.
- PM2.5: 0 to 250 $\mu\text{g}/\text{m}^3$ (time weighted average reading).
- Humidity: 5 to 95 %RH.
- Temperature: 0 to 50 C°, C°/F°.
- CO2: 0 to 10,000 ppm.
- Barometer: 10 to 1100 hPa, mmHg, inHg.
- Alarm function with audible output.
- Health index (0-9) detection and alarm.
- Built-in clock & Calendar.
- Real time data record with SD memory card.
- Sampling time can be set from 1 second to 3600 seconds.
- Just slot the SD card into the computer and all the measured values with the time information (year, month, data, hour, minute, second) can be downloaded into a spreadsheet.



ELECTRICAL

POWER ANALYSERS



- Single & multi-phase power analysers
- Removable SD card data logging
- Voltage, current, True Power, Apparent Power, Reactive Power, Watt-Hour, power factor etc.

DIGITAL MULTIMETERS



- Cat III - 1000 V auto ranging
- ACV, ACA, DCA, ohms, continuity buzzer, Hz, capacitance temperature, diode

INSULATION TESTER & WATT METERS



- Wide range of insulation testers & watt meters
- Available with internal data logging
- Up to Cat III 1000 V

LCR METERS



- L : 200.00 uH to 2000.0 H
- C : 2000.0 pF to 2.000 mF
- R : 20.000 to 200.0 M
- Series/Parallel modes are selectable.

CLAMP METERS



- Smart operation, function: A, V
- VL ACV, DCV, resistance, diode, continuity, capacitance
- A: ACA (600A, 1000A, 2000A)

FLEXIBLE AC POWER METERS



- Heavy duty
- Flexible cable length: 280mm
- Flexible cable diameter: 8mm
- For the measurement of: True power, power factor, apparent power & reactive power

FEATURED PRODUCT

LUTRON DW-6095 POWER ANALYSER WITH RSW-914 WI-FI CONVERTER

- 3 phase power analyser with built in SD card datalogger
- Can be used in conjunction with Lutron RSW-914 to give WiFi functionality
- WiFi function allows you to read data on smart device, or laptop
- Analysis of 3 phase multi-power system, 1P/2W, 1P/3W, 3P/3W, 3P/4W
- Complete with 4 x test leads, 4 x alligator clips, 3 x clamp probes, AC to DC 9V adapter, SD memory card & carrying bag.
- No need for re-calibration if current probe is changed
- RSW-914 Wi-Fi Converter has 3 input/output terminals:
 - 1. DC 9V power input
 - 2. DC 9V power output (power supply for the DW-6095)
 - 3. Meter RS232 input (photo isolates RS232 type)



INDUSTRIAL

FORCE GAUGES



- High precision hand held force gauges
- 5, 20, 100 kg models available
- With or without removable SD card data logging

TACHOMETERS



- Photo and contact tachometers
- 0.5 to 100,000 rpm
- Perfect for automotive applications

VIBRATION METERS



- Single & multi-channel vibration monitors
- Available with internal removable SD card data logging
- AC or DC powered

THERMOMETERS



- IR low & high temperature measurements
- Conventional PT100 or thermocouple measurements
- Removable SD card data logging optional

MOISTURE METERS



- 0 - 100% moisture content
- Designed for air, soil, wood & concrete measurements

PRESSURE & VACUUM METERS



- Pressure & vacuum meters
- 0 - 2, 5, 10, 20, 50, 100, 400 bar sensors available
- With or without data logging

DISPLAYS/TRANSMITTERS



- Control alarm indicators for a wide variety of inputs
- Multiple alarm & control outputs
- AC & DC powered

DISPLAY/DATA LOGGERS



- Data logger & display for up to three 4-20mA inputs or three 0 - 10V inputs
- Saves the measuring data onto a removable SD memory card for later analysis using Excel

RS232 TO WIFI CONVERTERS



- RS232 to WiFi converters
- Connect up to 3 Lutron instruments with RS232 for remote communication over a WiFi network

CALIBRATION

SOUND LEVEL



- Sound Calibrators
- 94 dB or 114 dB 1 KHz
- Designed for easy calibration of the Lutron sound level meters

ELECTRICAL - BASIC



- Voltage & current calibrators
- Capacitance decade boxes
- Wide variety of test clips & kelvin clips

BURSTER TRANS CAL 7281



- Supported sensors: Strain gauge/normalised signal $\pm 5V$, $\pm 10 V$, potentiometric sensors
- Device test: Strain gauge simulator up to $\pm 50 mV/V$
- Excellent linearity with non-linearity $< \pm 0.001 \%$
- Storage of up to 16 measurement programs
- Data logger for up to 30.000 measurements

BURSTER DIGISTANT® 4420



- Calibration and measurement unit for voltages, currents, temperatures & resistances
- All functions can be fully controlled & configured via RS232 interface
- Simultaneous transmission & measurement
- Automatic ramp function
- Simple menu assistance via display
- Voltage range $\pm 1 \mu V$ to $\pm 11.000 V$
- Current range $\pm 200 nA$ to $\pm 22.000 mA$

BURSTER DIGISTANT® 4462



- High precision current & voltage source $\pm 52 mA$, $\pm 30 V$ Option: $\pm 22 mA$, $\pm 60 V$
- Precision simulation for all conventional thermocouple types (optional)
- Error limit 0.003 % Rdg.
- Standard with RS232 & IEEE488 interface, USB & Ethernet (optional)
- Current "SINK"

BURSTER 4530



- Simulation of Pt100, Pt200, Pt500, Pt1000, Ni100 & Ni1000 sensors
- Accuracy 0.02 °C
- Temperature scales ITS 90, IPTS 68
- Real Ohm simulation
- Control manually or remotely via RS232/IEEE488/USB Converter

FEATURED PRODUCT

LUTRON CC-421 VOLTAGE / CURRENT CALIBRATOR

Excellent Value! – Don't Drop Expensive Instruments in the Sewage Tank!
Handheld instrument for calibrating process devices and measuring process signals.

- Four functions:
 - Precision current source
 - Measurement of current signal
 - Power and measurement of two wire loop
 - Precision DC mV source
- Power (12 V) and current measurement of two wire loop : 0 to 24 mA, 2 ranges
- DC mV source : -199.9mV to +199.9mV
- Current calibrator drives loads up to 500 ohms
- Sampling time: Approx. 0.4 seconds
- Complete with alligator clips



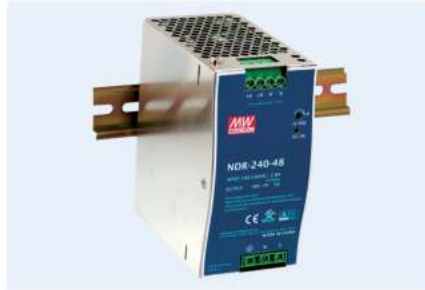
SPECIALISED POWER SUPPLIES & SENSE PRODUCTS

DIN RAIL UPS SYSTEMS



- Complete DIN rail mount UPS system
- DIN rail power supply & switching controller in single unit
- Supplies can be networked for:
 - System monitoring & event logging
 - System configuration
 - Alarms & recorder management
 - Event programming

DIN RAIL POWER SUPPLIES



- Single, two & three Phase
- 10 WATTS ~ 960 WATTS
- Current sharing models (connect in parallel)
- Programmable models in stock

POWER ADAPTORS



- Plug pack & desk top types
- Australian approvals
- High efficiency
- Wide range of adapter cables

POSITION SENSORS



- Sensors & transducers for the measurement of linear, rotational & angular position
- Linear position
- Rotary position
- Inclonometers

PROCESS SENSORS



- Wide range of process transmitters for the measurement of:
 - Pressure
 - Humidity
 - Temperature
 - Gas flow rate

LOAD CELLS



- Australia's most comprehensive range of load cells
- Solutions for almost any application where force needs to be measured
- From miniature button cells to high capacity weighbridges

FEATURED PRODUCT

HIGH EFFICIENCY POWER SUPPLIES

The MEAN WELL GE series plug packs carry Australian approvals and are readily available from stock.

Don't buy a non-approved power supply from overseas. Not all MEAN WELL power supplies have Australian approvals. ADM only stocks Australian approved MEAN WELL power supplies.

The GE series plug packs have an impressive energy efficiency (MEPS) level VI rating.



FLOW & MEASUREMENT



RADAR LEVEL SENSORS



- Cost effective
- Clear traffic-light indication of device status
- Easy installation
- User-definable Bluetooth range
- 6-degree beam angle
- Compatible with HART communications

ULTRASONIC SENSORS



- IECEx Zone 1 & 2 Approval as standard
- Integral temperature compensation
- Narrow Beam Angles
- Stan2 or 3 core screened cable extensions to 1000m
- FM/FMc Approval
- Optional : Level controller interface

ULTRASONIC FLOW METERS



- Non-Contacting, clamp-on
- Works on a large variety of pipe materials and sizes
- Isolated 4-20mA output
- Programmable control relays
- Optional Modbus RTU or HART output
- Data logging
- Options for clean or dirty water

OPEN CHANNEL FLOW METERS



- No flume or weir required
- 4-20 mA and relay outputs for connection to Samplers and SCADA
- 2-million-point data logger with USB output to flash drives
- Options for fixed install or portable
- Portable units Powered with built-in, rechargeable NiMH batteries

FEATURED PRODUCT

PULSAR SLUDGE FINDER 2

The Sludge Finder 2 provides reliable and continuous sludge blanket level measurement. The two-part system has been purposely designed for sludge blanket level measurement, operating ultrasonically through a liquid.

The Sludge Finder 2 uses proven echo processing algorithms to identify the sludge interface level using state-of-the-art technology only found in this unit.



PROCESS REFRACTOMETERS

Vaisala Process Refractometers, previously known as K-PATENTS®, offer a reliable and efficient method of measuring liquid concentration in real-time and inline. Accurate liquid concentration measurement is crucial for ensuring consistently high-quality products while promoting sustainable use of raw materials and energy.

While portable or lab-based refractometers can be used to measure liquid concentration, they often introduce errors due to temperature variations, and manual sampling can create safety risks and contamination of the production line.

Vaisala Process Refractometers measure the refractive index of a liquid, making it unaffected by suspended solids, bubbles, or colour. The measurement is based on optical technology that does not require regular maintenance or calibration. The refractometers are available in Compact or Probe styles to suit pipe or vessel installations and offer various process connection options, including sanitary and Variline couplings, clamps and flanges, and flow cells. They are constructed using full Stainless Steel and are also available in special alloy materials for demanding applications.

Vaisala Process Refractometers are widely used in a diverse range of industries such as Food, Beverage, Dairy, Brewing, Distilling, Pharmaceutical, Sugar, Chemical, Petrochemical, Pulp & Paper, Mineral Processing, and more. They are essential in various processes such as evaporation, ultrafiltration, distillation, fermentation, blending, drying, wet-mixing, interface detection, dilution, solvent extraction, black and green liquor, and more.

VAISALA

AUTHORIZED DISTRIBUTOR



Accurate liquid concentration measurements



Vaisala Polaris

Light your
way
beyond
tomorrow.

ADM AUSTRALIA'S NO.1 DISTRIBUTOR FOR HARTING INDUSTRIAL PRODUCTS

HARTING COMPONENT RANGE

Industrial Connectors HAN

- High Current Connectors
- Modular Connectors
- Fibre Optic Solutions
- Hazardous Solutions
- Eco Housing

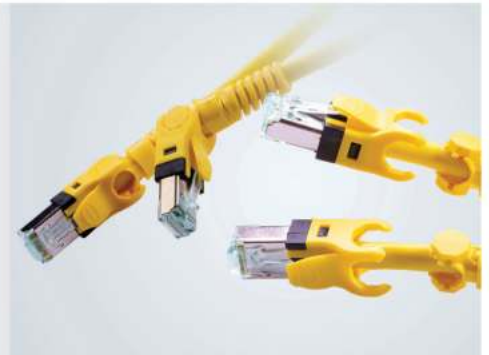


Har-Port Service Interface: Ethernet & USB



Interface Connectors

- Single Pair Ethernet
- Ethernet Interface
- Ethernet Cabling Systems



Circular Connectors



D-Sub Connectors



Contact **ADM** if there are any **HARTING** items you buy on a regular basis that you would like stocked locally. **ADM** is an authorised **HARTING** distributor, supporting the entire **HARTING** range.

ABOUT US

WHO ARE WE?

ADM Systems Pty Ltd is a family run group of businesses, first established by our Managing Director, Glenn Bates in 1986.

Since then we have grown to become Australia's largest distributor of MEAN WELL Power Supplies, Eurotherm Process Control and Data Management Solutions, Industrial Transducers and Sensors, PCA Encoders, Industrial Connectors, and Test & Measurement Instrumentation suitable for a wide range of applications.

WHAT DO WE DO?

At ADM we do what we do because we care.

Our team cares about your project and will do all they can to ensure you find the most appropriate solution.

We get that lead times can be a hassle, so we try and carry as much stock as possible to avoid that headache.

Despite that, you rightly expect not to pay too much for this service.

Technical support matters, which is why our technical team keeps up to date with the latest product information.

ADM is a family run business that was established in 1986 by Glenn Bates. From the outset Glenn understood the importance of customer care being at the heart of everything we do. This ethos continues today under the guardianship of our CEO, Kristin Brown, Glenn's daughter.

OUR SERVICES INCLUDE:

Expertise & consultancy across all of our product range.

Configuration of transducers, sensor & other equipment.

Service and repair down to component level.

Rental/loan of handheld test & measurement equipment.

HOW WE DO IT.

ADM has a strong commitment to holding stock. This means you know the product is available when you need it.

We also offer volume pricing and scheduled ordering to original equipment manufacturers, who need to order in high quantities, as well as convenient online ordering services for all customers.

Our technical staff undertake regular factory training and have close working relationships with our leading suppliers, so that they are up to date with the latest technologies available. This ensures you have the best performing position transducers, load cells, led drivers and all other components for your application.

WHY WE DO IT?

Because it matters to you.

We understand that it matters that you can quickly get a product to your door and that you need to also get that product to your door at a fair and reasonable price.

We understand that technical support matters, which is why we keep our technical team up to date with the latest product information.

We understand that you want to partner with a supplier that is focused on what matters to you.

OUR SUPPLIERS



Eurotherm.

Authorized
Distributor



WAVECONTROL

VAISALA



seika.de®



SARAD®

ASHLAND

HYTRONIK



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