



Our Brands



DwyerOmega brands stand as industry leaders, offering cutting-edge sensors and instrument solutions for a diverse range of industrial and controlled environment applications.





We strive to be the **global leader of precision measurement solutions** that improve efficiency, safety, and sustainability for our customers

At **DwyerOmega**, we enable our customers to improve the world, one measurement at a time.

 DWYEROMEGA

PAN 貝鑫科技
PAN INSTRUMENTS INT'L CORP. ————— SINCE 1978

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Dwyer Instruments

DwyerOmega brand

Dwyer®



- Founded in 1931 by Frank W. Dwyer
- Headquarters: Michigan City, Indiana, USA
- Market leader: HVAC, Building Automation, Wastewater
- Key product: Differential Pressure (Magnehelic), pressure, flow meter
- 4 brands under Dwyer: W.E Anderson, Mercoid, Proximity, and Love control
- In 2021, acquired by Arcline Investment Management
- In 2022, merged with Omega Engineering, form DwyerOmega

W.E. Anderson®

PROXIMITY
By Dwyer

Mercoid®

LOVE®

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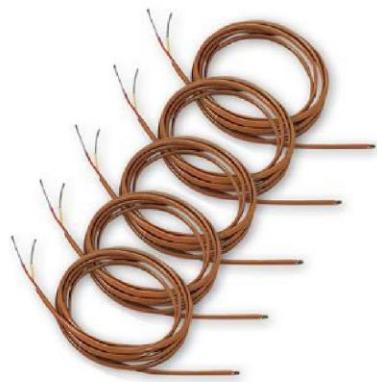
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官網 Web site

Omega Engineering

DwyerOmega brand



- Founded: 1962 by Betty Hollander
- Headquarters: Norwalk, Connecticut, USA
- Market leader: Temperature Sensing
- Key product: Thermocouple wire, connector, pressure
- 2 Manufacturing plants – NJ and OH
- Early adopter - e-commerce
- In 2022, merged with Omega Engineering, form DwyerOmega



ACI – Automation Component, INC

DwyerOmega brand



HIGH-PERFORMANCE SENSORS



- Founded: 1991
- Headquarters: Middleton, Wisconsin, USA
- Strong Reputation in HVAC & Building automation
- Temperature, humidity, pressure, current, gas, wireless, BACnet, and Modbus sensors
- In 2023, joined DwyerOmega group





Temperature



Who We Are

What We Do

What Sets Us Apart

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Test & Measurement



HVAC Test & Measurement



pH Sensors & Controllers



Benchtop Calibrators



Indoor Air Quality



Gas Detection



Temperature & Humidity



Pocket Test Thermometers



Handheld Thermal Infra-Red



Power Meters



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Building Management System

HVAC & Indoor Air Quality (Dry)

HVAC (Heating, Ventilation, and Air Conditioning) systems use air as the medium to heat, cool, and ventilate indoor spaces.

- Air Handlers, Heating/Cooling
- Ductwork and ventilation systems
- Controls & Automation

Indoor air quality (IAQ) systems supporting occupant health, comfort, productivity and overall, well-being.

- Air quality monitoring
- Air Filtration and purification
- Humidity Control



Hydronics (Wet)

Hydronic applications in building management systems refer to the use of water-based heating or cooling systems to control the indoor climate of a building.

- Water based heating and cooling systems
- Boilers, Chillers
- Heat Exchangers
- Pumps, Valves
- Controls & Automation



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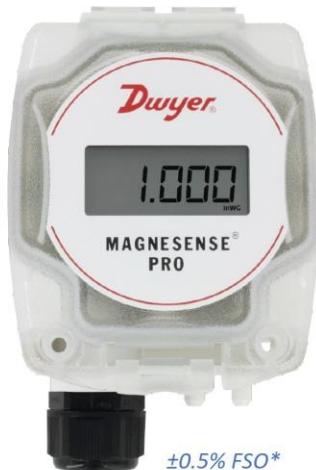


Series MSX/MSX Pro

Magnesense® Differential Pressure Transmitter



±1% FSO



±0.5% FSO*

- Filter monitoring in air handler units
- Building pressure in pharmaceutical/semiconductor clean rooms
- Duct static pressure in commercial buildings
- Air velocity/flow in VAV systems
- User-friendly labeled circuit board
- Monitor pressure, air velocity
 - Accuracy: ±1.0% FS on MSX; ±0.5% FS on MSX Pro
- User selectable ranges
- Directional or bi-directional and other features via dip switch
- Duct, DIN Rail, or Universal Mounting



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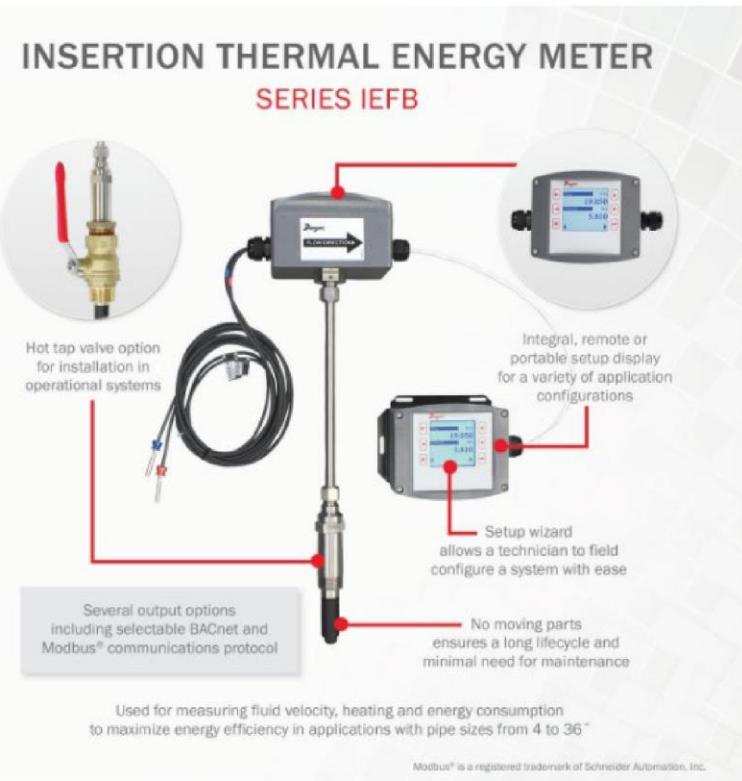
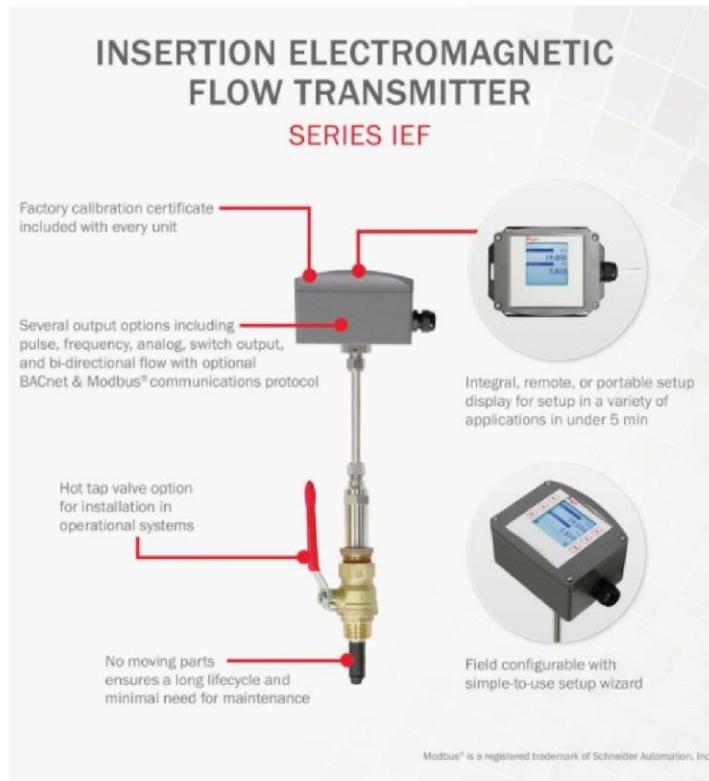
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Series IEF/IEFB

Insertion Electromagnetic Flow Transmitter / Thermal Energy Meter



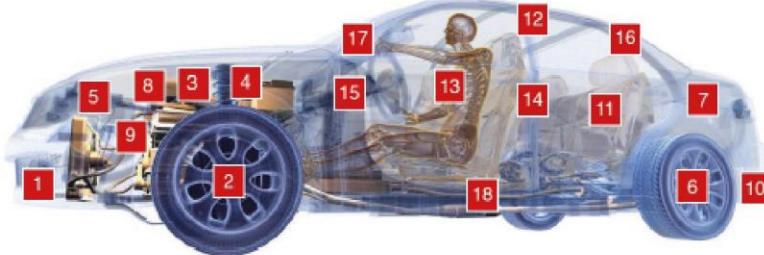
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Aircraft & Automotive – Test & Measurement Solutions



Temperature

Contact Measurement

- 1 Bumper thermal testing 5
- 2 Brake caliper measurement 5
- 3 Turbocharger temperature measurement 6
- 4 Oil temperature measurement 6

Non-Contact Measurement

- 5 Non-contact general testing 7
- 6 Infrared brake measurement 7

Systems

- 7 Temperature profiling systems 8

Pressure

- 8 Fuel injection 9
- 9 Hydraulics and coolant 9
- 10 Exhaust gases 10

Environmental

- 11 Humidity of seat fabric 11
- 12 Wireless factory monitoring 11

Strain

- 13 Euro NCAP testing 12
- 14 Impact testing 12

Load

- 15 Small component testing 13
- 16 Chassis and door testing 13

Turnkey systems

- 17 Dynamic pressure/loading 14
- 18 Force and travel test bed 14

	R&D	Work Shop	Paint Shop	Powertrain (Engine Exhaust)	Assembly	Euro NCAP	Final Testing
Temperature Measurement	●	●	●	●	●		●
Pressure Measurement	●	●		●	●	●	●
Strain, Load, Force Measurement	●	●			●	●	●
Environmental Measurement	●	●	●	●	●		●
Flow & Level Measurement	●		●	●	●	●	●
Data Acquisition Systems	●	●	●	●	●	●	●
Systems Solutions	●	●	●	●	●	●	●



RTD & Thermocouple Probes



Pressure Transmitters



Strain Gauges



Load Cells



Humidity



Dew Point



Turbine & Electromagnetic



官網 Web site