

 DWYEROMEGA

# 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.

*Dwyer*

 OMEGA™



*MILJOCO*

 WEISS  
INSTRUMENTS

**UFM**®

**PST**  
PROCESS SENSING  
TECHNOLOGIES

 Analytical  
Industries Inc.

 **DYNAMET**  
INFRARED GAS SENSORS

**FCI** FLUID COMPONENTS  
INTERNATIONAL LLC

 isensix™

 LDetek

**NTRON**  
Gas Measurement

 **MICHELL**  
Instruments

**rotronic**  
MEASUREMENT SOLUTIONS

**SST**

**SEN SORE**

**Gensoscientific**

 **STATUS SCIENTIFIC**  
GAS DETECTION TECHNOLOGY

**PAN 貝 鑫 科 技**

PAN INSTRUMENTS INT' L CORP.

SINCE 1978

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官網 Web site



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.

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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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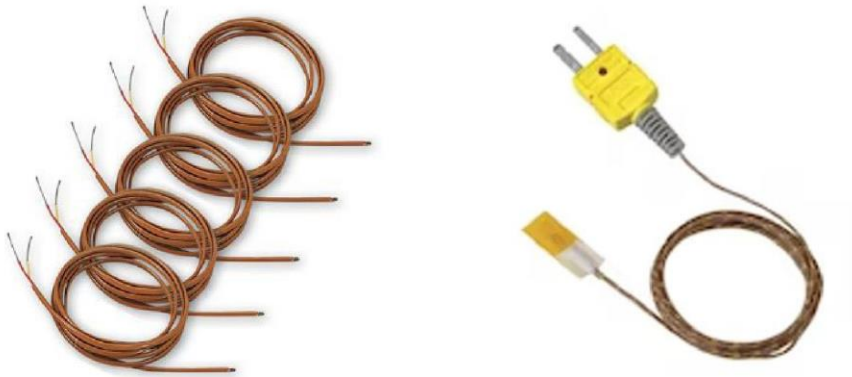
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# Omega Engineering DwyerOmega brand



- 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



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# Temperature



Thermocouples



RTDs



Wire & Cable



Connectors & Panels



Immersion & Duct Sensors



Thermowells



Heaters



Indicating Labels



Handheld Meters



Controllers & Panel Meters



Non-Invasive Sensing



Thermistors



Infrared



Fiber Optic



Probes



Thermometers

Who We Are

What We Do

What Sets Us Apart



DWYEROMEGA™

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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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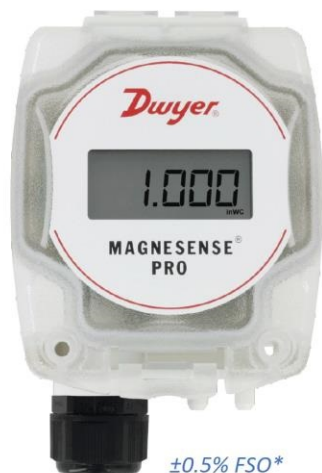


## Series MSX/MSX Pro

### 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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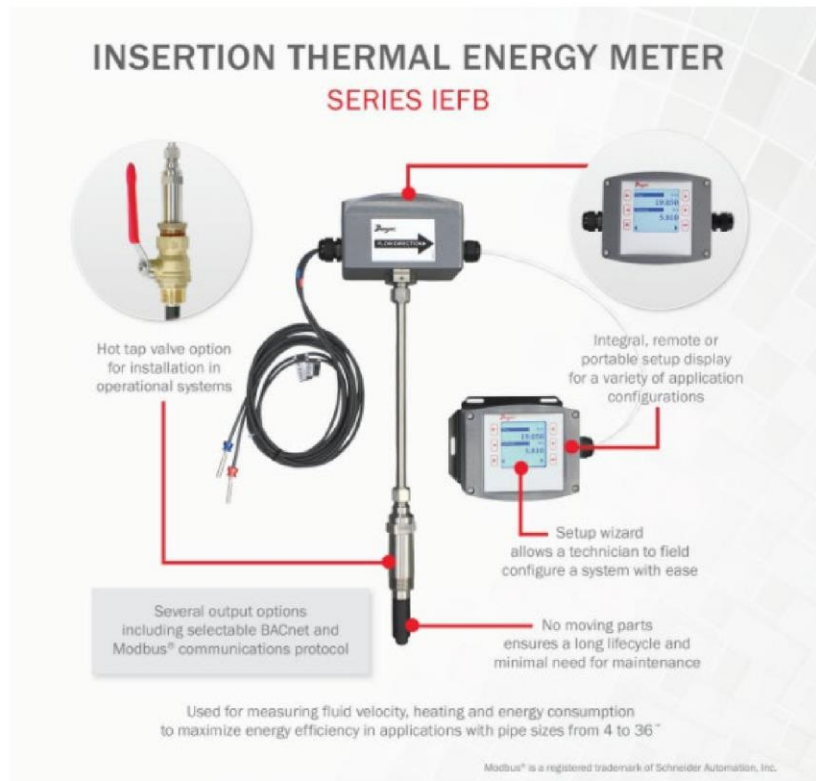
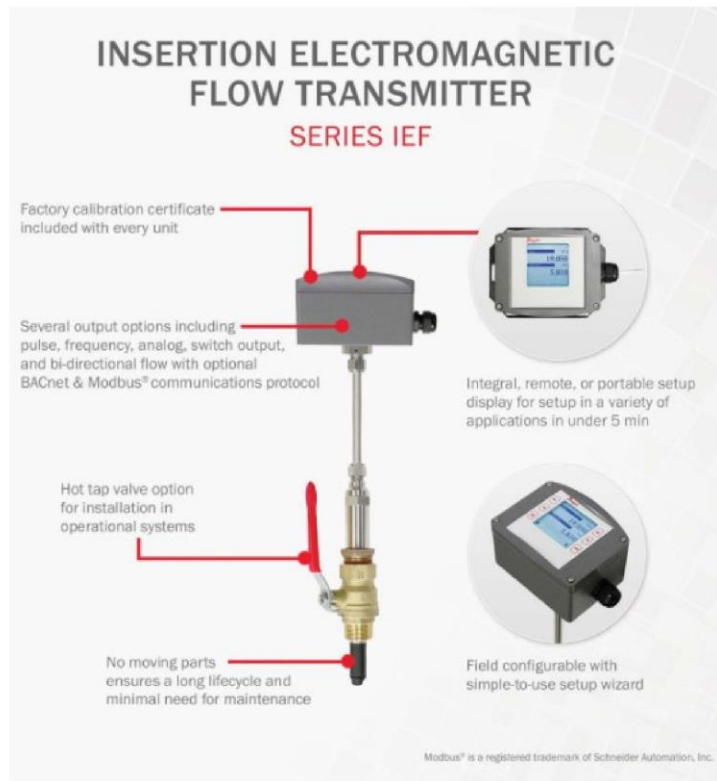
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# Series IEF/IEFB

## Insertion Electromagnetic Flow Transmitter / Thermal Energy Meter



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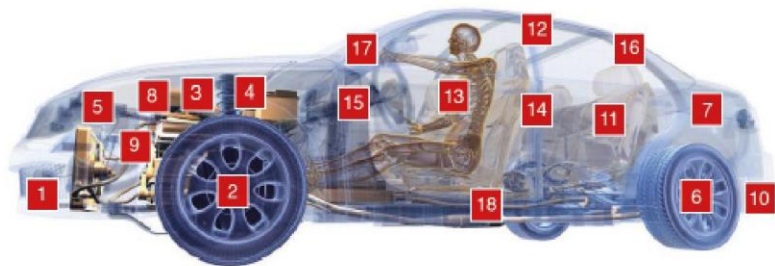
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# Aircraft & Automotive – Test & Measurement Solutions



## 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

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