

The Dwyer logo is written in a bold, red, italicized serif font. A registered trademark symbol (®) is located at the top right of the letter 'y'.

Manufacturing Excellence
Since 1931



BUILDING AUTOMATION SYSTEMS

Pressure | Air Quality | Flow | Temperature | Level | Process Control

dwyer-inst.com

DWYER AROUND THE GLOBE



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Dwyer has local distributors in over 79 countries. Contact the office of your country or contact the corporate headquarters to find your local distributor. You can also go to our website at the following address to be contacted by your local distributor: dwyer-inst.com/Distributor

SERIES MSX

MAGNESENSE® DIFFERENTIAL PRESSURE TRANSMITTER

Monitors Differential Pressure, Air Velocity, and Volumetric Flow



EASY INSTALLATION | MULTIPURPOSE | INTELLIGENCE

- Read LCD values easier with rotatable 180° display
- Quick and easy wiring via the optional toolless terminal block
- Add safety to variety of applications with UL94 V-0 and plenum ratings

SERIES

MSX: Magnesense® differential pressure transmitter

MOUNTING

- W: Wall mount
- U: Universal (wall or duct) mount
- N: DIN rail mount

DIRECTION

- 1: Unidirectional
- 2: Bidirectional

RANGE

- 0: .5 in w.c., 125 Pa, 12.5 mm w.c.
- 1: 1 in w.c., 250 Pa, 25 mm w.c.
- 2: 5 in w.c., 1250 Pa, 125 mm w.c.
- 3: 28 in w.c., 7000 Pa, 700 mm w.c.

OPTIONS

- A481: Installer kit
- FC: Factory calibration certificate
- FP: Filtered pickup with barb
- GLD: Liquid tight cable gland fitting
- LCD: Liquid crystal display
- NIST: NIST traceable calibration certificate
- STX: Two (2) plastic static pressure tips
- TT: Toolless terminal block
- WO: LCD cover without LCD display

PRESSURE UNIT

- IN: Inches water column
- PA: Pascal
- MM: Millimeters water column

SERIES RSME

ROOM STATUS MONITOR

Monitors Pressure, Humidity, Temperature, Air Changes per Hour, or Door Status



HIGH ACCURACY | STABILITY | MONITORS MULTIPLE ROOMS AND PARAMETERS

- Provides local indication of pressure levels, while providing a linear output signal to the BMS
- Equipped with audio and visual alarm functionality to notify medical staff room condition
- Door status indication informs staff when required pressure levels change
- Graphical display color changes indicates when parameters are in acceptable range

SERIES

RSME: Room status monitor

ACCURACY

- B: ±0.5%
- C: ±1.0%

OPTIONS

- NIST: NIST traceable calibration certificate

BEZEL

- BLANK: Plastic bezel
- SS: Brushed stainless steel bezel

PRESSURE RANGE

- 003: 0 to 0.5 in w.c.
- 004: 0 to 1.0 in w.c.
- 005: 0 to 2.0 in w.c.
- 014: -0.5 to 0.5 in w.c.
- 015: -1.0 to 1.0 in w.c.
- 016: -2.0 to 2.0 in w.c.

SERIES AVLV

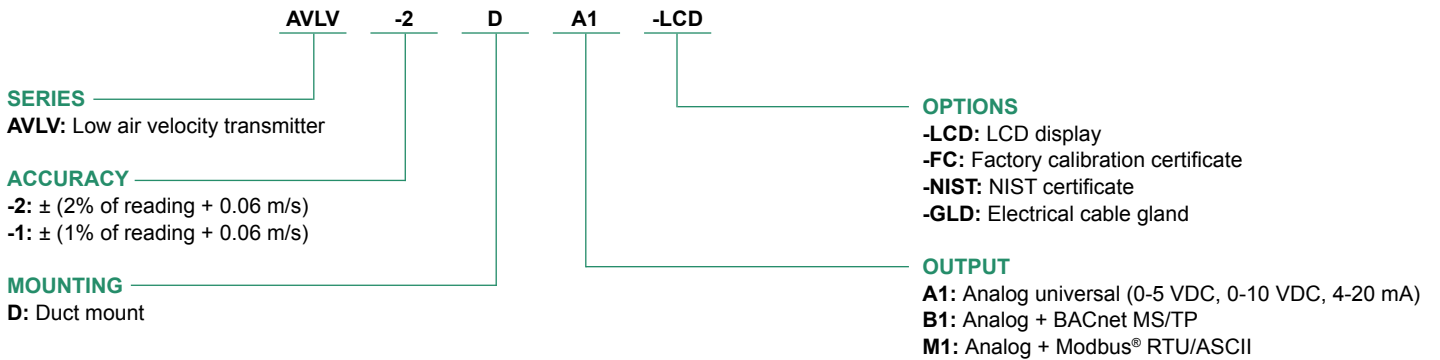
LOW AIR VELOCITY TRANSMITTER

1% and 2% Models, Optional BACnet MS/TP or Modbus®



SELECTABLE RANGES | SIGNAL OPTIONS | MINIMAL MAINTENANCE | EASY FIELD SETUP

- Allows for verification of air changes per hour
- Optional display shows air velocity reading



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SERIES AVUL

AIR VELOCITY TRANSMITTER

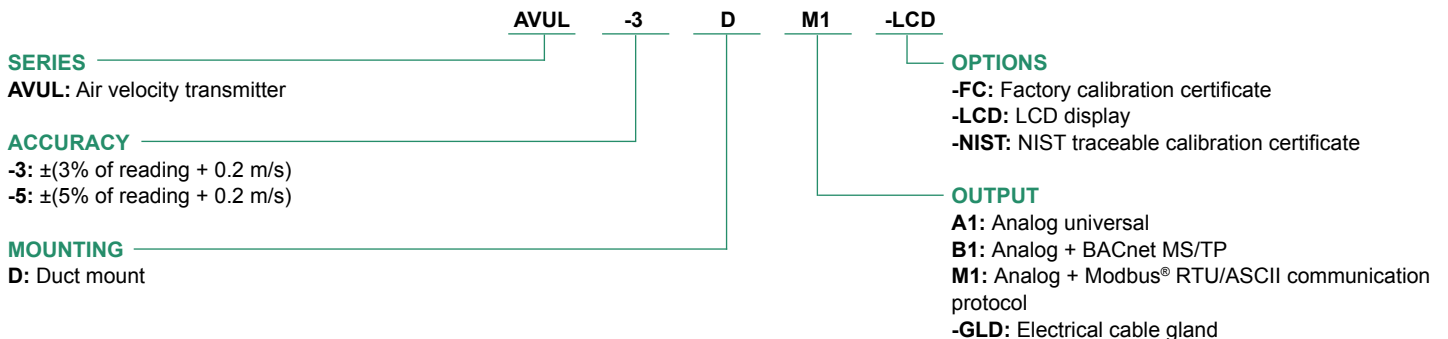
3% and 5% Models, Optional BACnet or Modbus® Communication Protocols



INSTALLATION FLEXIBILITY | MINIMAL MAINTENANCE | ADAPTABILITY

REPEATABLE MEASUREMENTS

- Sensing elements have been coated with an engineered conformal coating to ensure durability and longevity
- Field selectable ranges can be quickly configured without power to the unit



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SERIES CDTA

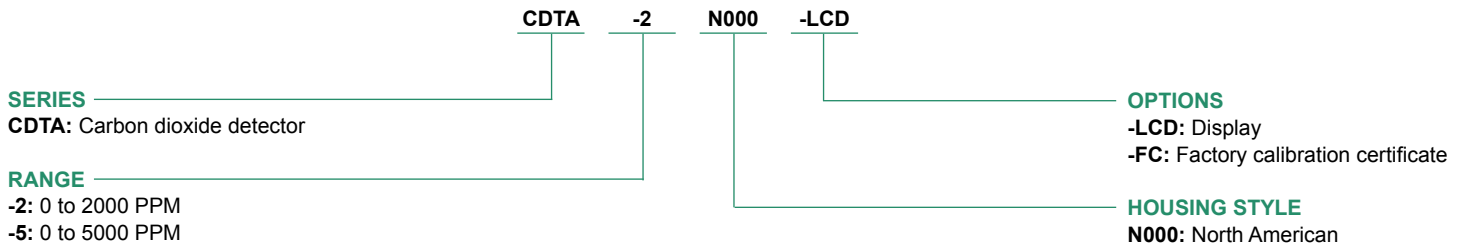
COMMUNICATING CARBON DIOXIDE DETECTOR

Measures CO2, Humidity, Temperature, Temperature Set Point, and Override



3-IN-1 SENSOR | IMPROVED ACCURACY | REDUCE INSTALLATION COST

- Digital Intelligent Temperature Compensation Algorithm (DITCA) corrects for errors due to self heating effects
- Field selectable Modbus® and BACnet communications reduces wiring
- Replaceable humidity/temperature sensor
- Physical hardware lockout
- Optional remote display tool



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SERIES CDTC

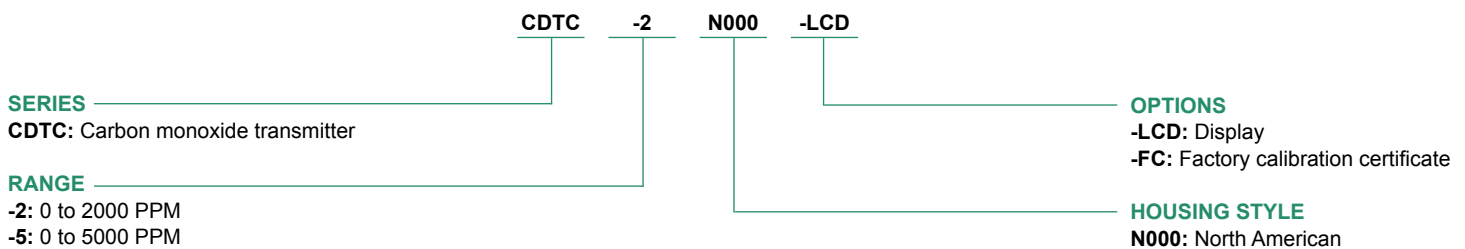
COMMUNICATING CARBON DIOXIDE SENSOR

NDIR CO2 Sensor, Measures CO2, Temperature, Temperature Set Point with Override



2-IN-1 SENSOR | IMPROVED ACCURACY | REDUCE INSTALLATION COST

- Application/installation flexibility through network communication via BACnet or Modbus®
- Tamper resistant with physical security hardware lockout
- Easy system setup with optional remote display tool



SERIES GSTC

CARBON MONOXIDE/NITROGEN DIOXIDE GAS TRANSMITTER

High Accuracy Electrochemical Sensor, BACnet or Modbus® Communication Protocol Options



Wall mount with LCD



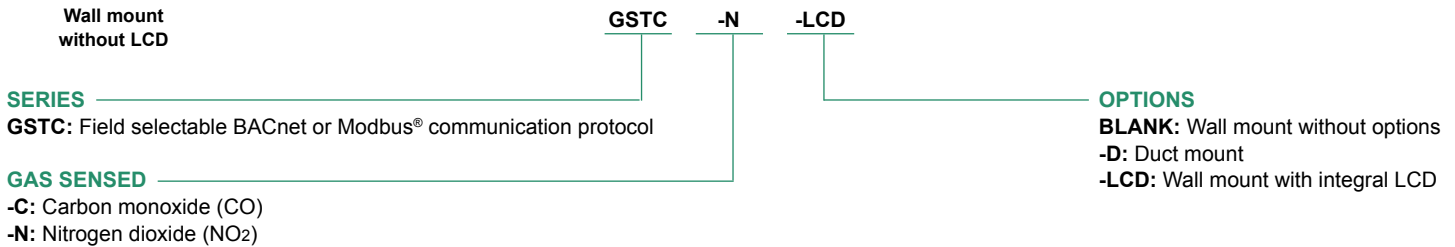
Duct mount



Wall mount without LCD

SIMPLIFY INSTALLATION | MINIMIZE OPERATION COSTS | SAVE TIME

- Industrial grade replaceable CO or NO2 sensors
- Field selectable BACnet or Modbus® communication on GSTC models
- Integral LCD display option
- Service display tool for set-up and calibration of models without a LCD



SERIES TUF

ULTRASONIC ENERGY METER

Flow and Temperature Monitoring Capability, Modbus® or BACnet Communication

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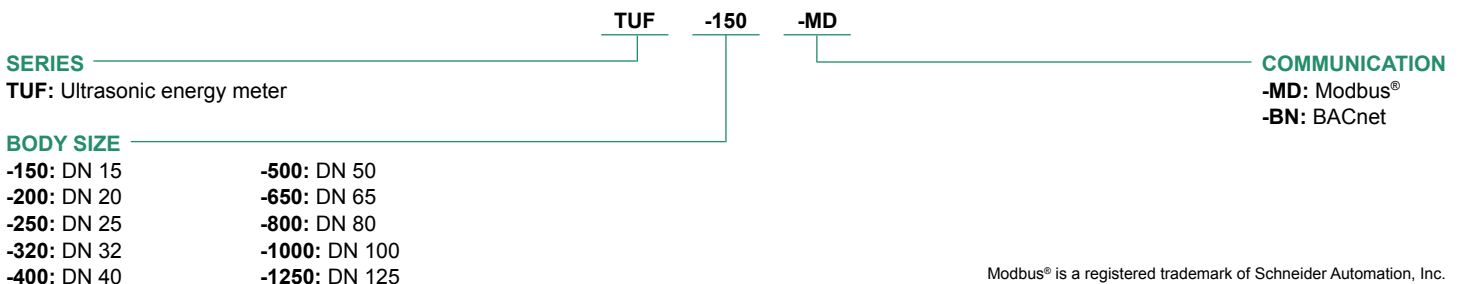
TUF-150/400



TUF-500/1250

ONE COMPACT SYSTEM | HIGHLY ACCURATE | MINIMAL MAINTENANCE

- Lower maintenance costs with local parameter display and no moving parts
- Seamless data transfer with serial communication output standard
- Eliminate the need for multiple units with a flow and temperature monitor in one



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SERIES IEFB

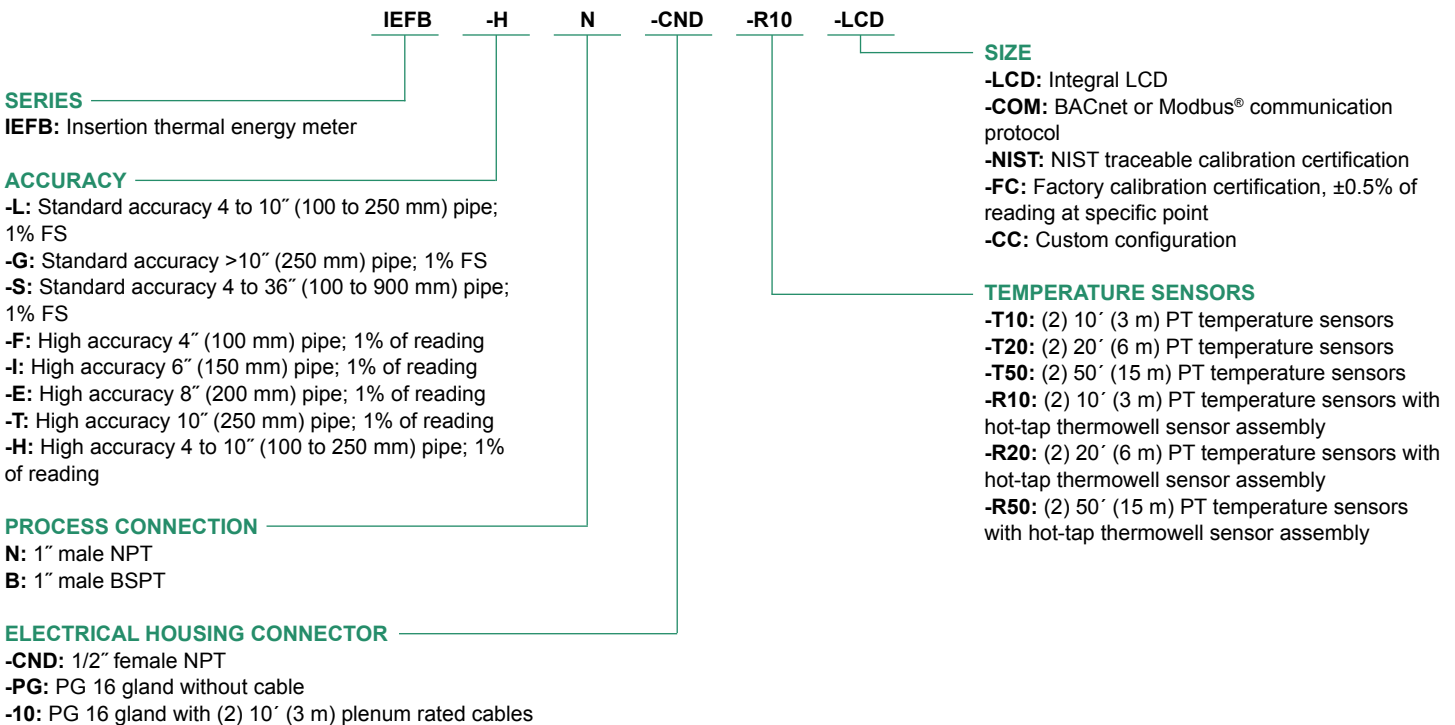
INSERTION THERMAL ENERGY METER

Field Adjustable, BACnet/Modbus® Outputs



ONE INTEGRAL SYSTEM | SAVE TIME | FIELD CONFIGURABLE DISPLAY

- Save time and reduce installation costs with flow, temperature sensors and calculator delivered in one preprogrammed, complete package.
- Maintain system energy efficiency with high performance accuracy that is maintained through changes in temperature, density or viscosity per universally accepted standard
- Meet application requirements with field configurable setup displays
- Reduced costs, long product life, and minimal maintenance requirements with no moving parts to wear or break and electrodes that discourage fouling



Note: For maximum performance select -LCD option or setup display accessory.

SERIES IEF

INSERTION ELECTROMAGNETIC FLOW TRANSMITTER

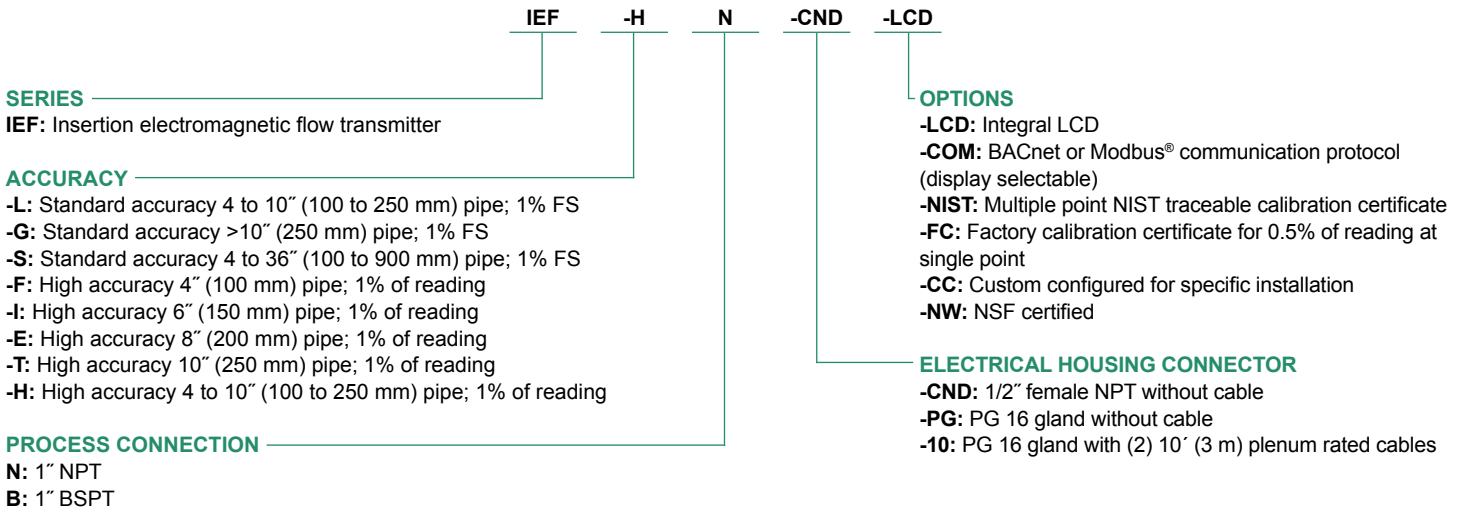
Field Configurable, High Accuracy, BACnet or Modbus® Protocol



-LCD option

VERSATILITY | SAVE TIME | FLEXIBLE CONFIGURABLE DISPLAY

- Meet application requirements with field configurable setup displays
- Maintain system efficiency with high performance accuracy that is maintained through changes in temperature, density or viscosity
- Quick and easy ordering and set up with Setup Wizard and installation tool that are simple to use and allow for precise installation
- Reduced costs, long product life, and minimal maintenance requirements with no moving parts to wear or break and electrodes that discourage fouling



Note: For maximum performance select -LCD option or setup display accessory.

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Return Service Requested



BUILDING AUTOMATION SYSTEMS

Pressure | Air Quality | Flow | Temperature | Level | Process Control

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