**Analog, Smart HART®,
and MODBUS RTU
Temperature Transmitters**

RTD
Thermocouple
Ohm
Millivolt

**Signal Transmitters,
Isolators, Converters
and Splitters**

Current/Voltage
4-20mA with HART®
Frequency

**Functional Safety -
IEC 61508/61511
Safety Instrumented
Systems (SIS)**

Alarm Trips

4-20mA
HART®
MODBUS RTU

4-20mA
4-20mA with HART®

4-20mA
4-20mA with HART
MODBUS RTU
MODBUS/TCP
HTTP-Web Server

Relay

Relay

**Process Control and
Distributed I/O Networks**

HTTP - Web Server
MODBUS/TCP
MODBUS RTU
MODBUS Master

Monitoring or Control System

Analog Output
or Relay

Current, Voltage,
RTD, Thermocouple, HART®
(Safe Area or Associated
Intrinsically-Safe Inputs)

PT   TT   LT   FT

Current, Voltage, RTD, Thermocouple,
Resistance, Potentiometer,
Discrete and Relay I/O

MODBUS/TCP
HART-IP
MODBUS RTU
4-20mA
Relays

4-20mA

Relay

FOUNDATION fieldbus™
PROFIBUS PA

Pneumatic

**Smart HART®
Loop Monitors
and Gateways**

FT

FT

FY

FT

**Process Controllers,
Monitors and Backup Stations**

Indicators and Displays

Current,
Voltage,
RTD,
Thermocouple

LT

I/P and P/I Converters

**MooreHawke
Fieldbus Device Couplers
and Power Supplies**

Smart HART® Multivariable
Transmitters and Smart Valves

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Food and Beverage

Catalog

Temperature Transmitters

Temperature Assemblies And Sensors

Functional Safety Solutions

Signal Isolators, Repeaters And Converters

Alarm Trips And Trip Amplifiers

I/P And P/I Converters

Remote I/O And RTUs

HART Gateways, Monitors And Interfaces

PID Controllers And Backup Stations

Indicators And Displays

Fieldbus Device Couplers And Power Supplies

AC Power Transducers

Instrument Enclosures

Complementary Products And Accessories

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Moore Industries Announces New Easy-to-Use Product Catalog and Updated Mobile-friendly Customer Website
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Everything you need to find signal interface solutions fast!

The Moore Industries website provides industry applications, news, technical papers, and product information with easy to navigate menus that allow you to find what you need quickly and efficiently. Explore our online product catalog where you will find useful information and downloads for each of our products. *Visit www.miinet.com now.*
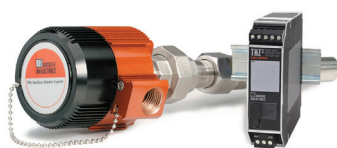
The latest innovations in monitoring and control interface solutions are just a click away.

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MOORE INDUSTRIES WORLDWIDE

Interface Solution Line Card

When you need to interface field processes with computer-based systems, readout equipment, and other instrumentation... our technology, services and expertise help you do it efficiently, safely and cost-effectively.

Signal Transmitters, Isolators and Converters

Convert, isolate, split, boost and step down process signals so field instruments can interface directly with indicators, recorders, DCS, PLC and SCADA systems.
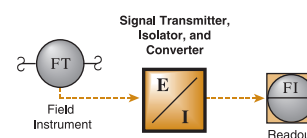
I/P and P/I Converters

Convert a current signal to a pneumatic signal so a DCS or PLC can control a valve or actuator; or convert pneumatic signals to current signals so remote pneumatic devices can interface with electronic instruments and computer-based monitoring systems.
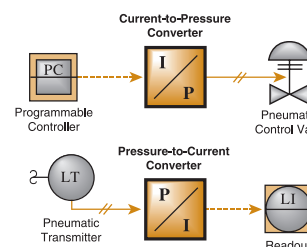

Indicators and Displays

Take a process input signal from a transmitter loop and view real-time process status in rugged and hazardous field environments.

AC Power Transducers and Monitors

Schedule maintenance, identify inefficiencies, cut energy use and prevent expensive damage to a load device by accurately monitoring AC power use.

Temperature Sensors, Transmitters and Assemblies

Take a weak, low-level RTD or thermocouple signal and convert it to a high-level analog signal more suitable for long-distance transmission through a noisy plant, and ready for direct interface with an indicator, recorder, PLC, DCS or SCADA system.
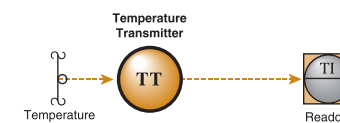

Smart HART® Loop Monitors, Interfaces and Gateways

Convert HART process variables and diagnostic data from smart multivariable transmitters and valves to MODBUS/TCP, HART-IP, MODBUS RTU, analog and discrete signals to prevent costly false shutdowns; and warn of unwanted process or instrument fault conditions.
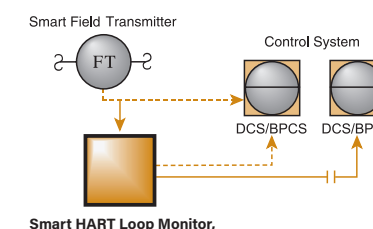

Process Controllers, Monitors and Backup Stations

Precisely control and monitor a temperature, pressure, level or flow process variable in batch and continuous processes, or back up critical or safety-related loops controlled by PLC, DCS and other control systems.
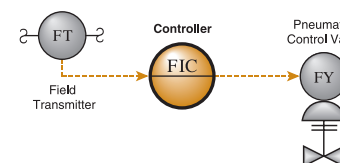

Functional Safety - IEC 61508

Monitor, alarm or shutdown critical and hazardous processes, measure critical temperatures, isolate a Safety Instrumented System (SIS) loop while passing HART data, or split critical signals while passing HART data.
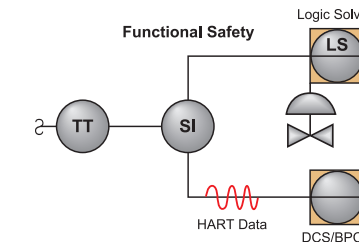

Limit Alarm Trips and Switches

Provide on/off control, warn of trouble, or provide emergency shutdown by sending one or more alarm (relay) outputs when a monitored process signal falls outside of a selected high and/or low limit.
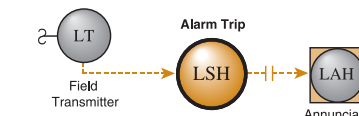
Process Control and Distributed I/O Networks

Eliminate expensive point-to-point wires by sending just a few–or thousands of–process monitoring and control signals between the field and control room on one digital communication link.
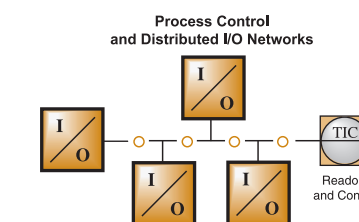
Fieldbus Device Couplers and Power Supplies

Deliver a fast and easy way to connect, protect, power and terminate multiple fieldbus devices in FOUNDATION™ Fieldbus and PROFIBUS PA segments.