WHEN YOU NEED TO PASS HART® DATA, USE RUGGED AND RELIABLE HART ISOLATORS FROM MOORE INDUSTRIES

Moore Industries' HART® Isolators provide highly rugged and economical isolation solutions that help prevent and solve common and costly problems that plague many of today's smart process loops.

HART® data is extremely useful but when you have to isolate your loops in order to share key process signals or keep your systems safe from power issues, HART data can be *stripped* off and blocked by most isolators. This prevents your critical HART data from reaching your asset management systems, programming devices or host systems.

With **built-in HART pass-through technology** you can rest assured that when your loops use HART transmitters, critical and valuable HART diagnostic, process, and calibration information can be read on either side of the Moore Industries HART Isolators.

HIX and HIT HART Isolator

Moore Industries' 2-wire (loop powered) HIX and the 4-wire (line-mains powered) HIT HART® Isolators protect and isolate loops while safely sharing the HART output of one transmitter with a secondary control or recording device. This allows for redundancy without further burden on or risk to the primary side of the process loop. This strategy or loop design, commonly referred to as area isolation, allows non-critical devices on the output side of the loop to be removed for maintenance, service or repair without degradation or negative consequences to the primary side of the loop.

These isolators are ideal for both new and older loops where galvanic isolation may be required to stop ground loops or plant noise with older or non-isolated transmitters and control systems. Additionally, the input to output isolation protection afforded by these isolators of up to 1500Vrms safeguards I/O cards and other receiving devices from surges, spikes and transients.

These isolators feature our rugged aluminum case for standard G-type and Top Hat rails, or can be enclosed in an R-BOX field-mount instrument enclosure. The HIX HART

signal isolator is designed for use in Class I, Div 2/Zone 2 areas.

To learn more about the HIX and HIT, download the datasheet, visit the HIX or HIT Catalog pages.

SSX and SST Safety Series Isolators and Splitter

Part of Moore Industries' FS Functional Safety Series, the exida® approved, SIL 3 capable 2-wire (loop powered) SSX and 4-wire (line/mains powered) SST Safety Isolators and Splitters provide isolation and signal splitting for your SIS (Safety Instrumented System) needs. These units protect and enhance loops and also pass valuable HART® data from the field transmitter to host systems and vice-versa.

Isolate your SIS from your Basic Process Control System or monitoring system so disconnections or failures to these secondary systems don't affect your safety system. With built-in HART pass-through technology you can rest assured that when your loops use HART transmitters that critical and valuable HART diagnostic, process, and calibration information can be read on either side of the SSX/SST. Most other isolators block and "strip off" the HART signal.

The SSX and SST meet the high levels of reliability found in all products in Moore Industries' FS Functional Safety Series. Along with its exida certification, comprehensive FMEDA-certified safety data is available on request. This information can be used by a functional safety practitioner to determine if the SSX and SST are applicable for use in their specific safety-related application.

These isolators are also designed for use in Class I, Div 2/Zone 2 areas. The SSX and SST provide reliable isolation and signal splitting in potentially hazardous environments.

To learn more about the SSX and SST, download the datasheet, visit the SSX or SST Catalog pages.