






Solutions for Process Automation

<p>HART</p> 	<ul style="list-style-type: none"> • Wired HART mux • Wireless HART • Gateway • Adapter 	<ul style="list-style-type: none"> • Get access to diagnostic data of your HART instruments via Ethernet • One HART master per channel for faster polling than traditional serial mux • Applications for both retrofit and new builds to incorporate HART information to Plant asset management system • Easy HART data communication with integrated 802.11b/g WLAN transceiver and Ethernet HART IP connection • Wireless HART communication with removable antenna that supports line or loop power and up to four sub-devices
<p>Signal isolation</p> 	<ul style="list-style-type: none"> • Analog signal converters • Analog loop isolators • Analog set point modules • Intrinsically safe isolators 	<ul style="list-style-type: none"> • Slim, modern, modular analog signal conditioners • Signal conditioning/filtering keeps your signal integrity • Isolate active loops and power passive loops • Modules for temperature conversion and limit relays • Modules available for hazardous locations and safety (SIL) applications • Modules with CID2, ATEX, IECEx, EAC, GL approvals
<p>Signal protection</p> 	<ul style="list-style-type: none"> • Power and data protection • Data protectors with status LEDs • Hot swappable and pluggable • State-of-the-art products • Warranty enhancements • True CAT 6A POE+ protection 	<ul style="list-style-type: none"> • Protection of critical equipment • Increased uptime • Three-stage local and remote functional status indication • Allows for easy installation and replacement • Tested and certified to UL and EN/IEC standards • Robust and reliable protection for high bandwidth signal applications
<p>Process Fieldbus</p> 	<ul style="list-style-type: none"> • Foundation Fieldbus • Profibus PA 	<ul style="list-style-type: none"> • Modular and block style device couplers with integrated short circuit protection • Custom junction box builds for easily deploying field instrumentation via FF/PA couplers • Redundant power supply options with Ethernet diagnostics and effective cabling solutions for up to four segment installations • Profibus DP/PA coupler with transparent integration from DP/PA • Physical layer diagnostics for Profibus PA available via Ethernet and ProfiTrace • Diagnostics in the field provide more accurate real-time status of physical layer devices
<p>Networking and communication</p> 	<ul style="list-style-type: none"> • 900 MHz I/O • 900 MHz Ethernet • Wireless Ethernet 802.11 • Ethernet switches • Security router and firewall • I/O systems 	<ul style="list-style-type: none"> • Long distance, high performance easy wire replacement for I/O • High performance SCADA radio for long distance Ethernet communication • High bandwidth 200 mW WiFi wireless communication on both 2.4 and 5 GHz • Wide array of connectivity networking options • Communicate with your systems worldwide with a secure VPN connection and free cloud service • Fast and cost-effective I/O options in IP20 and IP67. Options suitable for potentially explosive areas



