

News Release

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Compact intrinsic safety isolators for hazardous locations MINI Analog Pro Ex family includes both energy-limiting and functional safety

Middletown, Pa. – Phoenix Contact introduces intrinsic safety versions of the MINI Analog Pro Ex signal conditioners, featuring both energy-limiting and functional safety in a compact package. With these new signal conditioners, process engineers can isolate, convert, filter, and amplify signals in the most hazardous areas.

All of the intrinsic safety (Ex i) signal conditioners in the MINI Analog Pro family are certified for applications up to SIL 3 1oo1 (one out of one). The MINI Analog Pro Ex modules have international Ex approvals, making them suitable for hazardous locations worldwide.

The 6.2-mm signal conditioners save space not only in width but also in the height between the cable ducts. The housing is angled and pluggable, making wiring easy. The MINI Analog Pro Ex family also features an integrated current loop test to help troubleshoot issues and reduce downtime. The protocol adapters in the product line can integrate up to eight analog and digital signals into industrial bus systems and networks without interference.

Free software and easy-to-find product specification references via QR code make the technician's job easier. Other digital features include digital tagging via NFC (Near Field Communication) and a digital nameplate. Visit <https://www.phoenixcontact.com/en-pc/milestone-miniaturization-mini-analog-pro> to learn more.

About Phoenix Contact

Phoenix Contact is a global market leader based in Germany. Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial settings, but we have a strong focus on the energy, infrastructure, process, factory automation, and e-mobility markets. Sustainability and responsibility guide every action we take, and we're proud to work with our customers to empower a smart and sustainable world for future generations. Our global network spans 100+ countries. Phoenix Contact USA has headquarters near Harrisburg, Pa., and employs more than 1,100 people across the U.S.

For more information about Phoenix Contact or its products, visit www.phoenixcontact.com, call technical service at 800-322-3225, or email info@phoenixcontact.com.

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