

Price list for intrinsically safe industrial switches



AI Overview

Intrinsically safe industrial switches typically range from several hundred to a few thousand USD, depending on certification, port count, and features.

Price Ranges and Factors

The cost of intrinsically safe (IS) industrial switches varies widely based on several factors:

- Certification Level:** Switches certified for ATEX, IECEx, or C1D1/C1D2 hazardous areas are more expensive due to stringent safety requirements. C1D1-certified devices generally cost more than C1D2-certified ones because they must withstand higher-risk conditions.
- Port Count and Speed:** Basic unmanaged switches with 4–6 ports may start around \$500–\$800, while managed gigabit switches with 8–10 ports can range from \$1,000 to \$3,000 or more.
- Power Options:** Switches with Intrinsically Safe Power over Ethernet (PoEx™) capabilities, which allow both power and data over a single cable in hazardous zones, tend to be at the higher end of the price spectrum.
- Enclosure Material and Durability:** Heavy-duty, explosion-proof enclosures designed to withstand harsh industrial environments increase cost. Materials like stainless steel or reinforced aluminum are more expensive than standard housings.
- Additional Features:** Managed switches, fiber-optic ports, redundancy protocols, and remote monitoring capabilities add to the price. Unmanaged switches without advanced features are generally more affordable.

Typical Examples

- MTL 9470-ET/G Gigabit IS Ethernet Switches:** Cost-effective gigabit switches suitable for Zone 2 hazardous areas, supporting PoEx™ and high-bandwidth applications. Prices vary by port configuration and managed/unmanaged options.
- Explosion-Proof Control Switches:** Heavy-duty switches for motors, pumps, and compressors in C1D1/C1D2 areas, with prices influenced by amperage, gang configuration, and actuator type.
- Maisvch and TURCK Industrial Ethernet Switches:**...

Article Content

Pressure Switch (Flameproof / Intrinsically Safe) -

Perseus™ pressure switches are available as flameproof Ex d or intrinsically safe options for use in hazardous areas for hydraulics, air, water, gases, chemicals,

Switches | Intrinsically Safe

Production of intrinsically safe and explosion proof switches for hazardous areas. Internationally approved and independantly certified for SIL 2 and SIL 3.

Choosing Intrinsically Safe Lone Worker Devices: A Safety Guide

Protect lone workers in hazardous areas with certified devices. Our guide covers man-down alerts, SOS buttons, and GPS tracking in intrinsically safe lone worker devices.

Perseus Range Intrinsically Safe Pressure Switches

Perseus Range Intrinsically Safe Pressure Switches ATEX/IECEX Intrinsically safe Gas & Dust version; II 1G Ex ia IIC T6 T2 Ga Tamb - 50 to +78°C+93°C; II 1D Ex ia IIIC T135°C Da Tamb - 50 to

Intrinsically Safe Switches

Discover intrinsically safe switches with IP67, Ex I Mb certification, ideal for explosive zones. Explore smart, modular designs for industrial control.

Intrinsically Safe Ethernet Switches: What You Need to

Intrinsically safe Ethernet switches are a specialized type of industrial switch engineered for hazardous environments, such as those containing explosive

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Argus Range Intrinsically Safe Pressure Switches

Argus Range Intrinsically Safe Pressure Switches Certification ATEX & IECEX CE Ex II1G Exia IIC T6 Ta -50 to +78°C, T5 Ta -50 to +93°C, T4 Ta -50 to +128°C

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Intrinsically Safe Pressure Switch: price list for Europe, Asia ...

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Intrinsically Safe Products

Dwyer 1000E Series Explosion-Proof Diaphragm Operated Pressure Switches Same rugged construction as used in Series 1000W plus explosion-proof design are combined in this unit.

Understanding Intrinsically Safe Industrial Ethernet Switches

Explore how intrinsically safe Ethernet switches prevent explosions in hazardous areas. Learn key features: ultra-low power design, redundant circuit protection, thermal control (<130°C), and

Intrinsic Safety Barriers

Intrinsic safety barriers from Pepperl+Fuchs limit the energy that is supplied to a circuit and protect hazardous areas from excess energy. By limiting energy to a safe level, intrinsically safe circuits

Intrinsically Safe Switches

Shop for high-quality intrinsically safe switches from reliable suppliers. These switches are perfect for hazardous areas, offering robust performance and safety.

Intrinsically safe network switch, Intrinsically safe

Find your intrinsically safe network switch easily amongst the 33 products from the leading brands (TURCK, Softing, Subject Link, ...) on DirectIndustry, the industry

Intrinsically safe level switch, Intrinsically safe level limit switch ...

Find your intrinsically safe level switch easily amongst the 49 products from the leading brands (JUMO, UWT, VEGA, ...) on DirectIndustry, the industry specialist for your professional

Perseus Range Intrinsically Safe Differential Pressure

These switches are manufactured from a high quality casting which offers robust construction and protection to IP66 & IP67 for use within heavily polluted

Contact Us

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