

The power of collaboration working for you

PartnerNetwork™ solutions from Rockwell Automation

 **PEPPERL+FUCHS**

Founded in 1945, Pepperl+Fuchs has grown continuously and established themselves as a pioneer and an innovator in electrical explosion protection and sensor technology.

Pepperl+Fuchs is the leading developer and manufacturer of hazardous location protection products and components for the global process automation market. They are the global market leaders of industrial safety equipment for intrinsic safety and explosion protection technology.

Today, Pepperl+Fuchs provides global support for their customers from more than 50 subsidiaries on 6 continents.

 **PEPPERL+FUCHS**

Enclosure solutions for I/O in hazardous locations

Pepperl+Fuchs offers enclosure solutions that meet ATEX/IECEx standards for installing equipment from Rockwell Automation in hazardous locations.

Rockwell Automation, a global leader in industrial automation and digital transformation, collaborates with Pepperl+Fuchs to deliver combined expertise and industry-leading solutions that help end users to improve productivity and protect their industrial investment.

Together, we have the experience to meet unique industrial automation challenges anywhere in the world, in industries such as Turbine Power, Oil & Gas, Chemical, Pharmaceutical, and Food & Beverage.



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**Encompass™
Product Partner**

A ROCKWELL AUTOMATION PARTNER

Connect with us.    

rockwellautomation.com — expanding human possibility™

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Expertise and reliability

Globally recognized as authorities in hazardous location protection, Pepperl+Fuchs provides decades of experience in certification and approval for hazardous locations.



Distributed I/O enclosure suitable for Zone 1/21 areas

Standard enclosures for 1718 Ex I/O systems

Model number	Material*	Slots	Size (WxHxD) in. (mm)
FB9210-PF0-G-0A0-00-0-R323698	GRP	10	23.70 (600) x 18.90 (480) x 9.60 (242)
FB9210-S60-G-0A0-00-0-R323699	SS 316L	10	23.70 (600) x 23.70 (600) x 8.80 (223)
FB9220-PF0-G-0A0-00-0-R323700	GRP	20	23.70 (600) x 18.90 (480) x 9.60 (242)
FB9220-S60-G-0A0-00-0-R323701	SS 316L	20	23.70 (600) x 23.70 (600) x 8.80 (223)
FB9240-PF0-G-0A0-00-0-R323702	GRP	40	23.70 (600) x 18.90 (480) x 9.60 (242) (2 enclosures)
FB9240-S70-G-0A0-00-0-R323703	SS 316L	40	31.50 (800) x 31.50 (800) x 11.90 (300)

*GRP refers to Glass Reinforced Polyester and SS refers to Stainless Steel.

The specification table shows the basic design configurations, which include enclosure material, rack size, enclosure size and wiring preference.

Other configurations and options are available, including different cable gland types and I/O wirings. These customized enclosure solutions are also compatible with 1718 Ex I/O systems. However, the solutions follow different bill of materials (BOM) guidelines and order fulfillment times.

Apart from enclosure solutions, Pepperl+Fuchs also offers hazardous-location certified solutions and supply assemblies to incorporate into a larger design or system.

Seamless automation solutions in hazardous locations

Pepperl+Fuchs is a pioneer and market leader in electrical explosion protection, shaping the methods for using electrical equipment in hazardous areas. Pepperl+Fuchs offers enclosure solutions that meet ATEX/IECEX standards for installing Allen-Bradley® 1718 Ex I/O systems in the hazardous environments.

1718 Ex I/O is an intrinsically safe distributed I/O platform from Rockwell Automation, built for Zone 1/21 hazardous locations. The platform integrates field devices via EtherNet/IP™ communications in a compact and chassis-based I/O design. Convenience is extended for customers who select a Pepperl+Fuchs enclosure for their 1718 Ex I/O system. The certified enclosure includes an installed chassis and any required extension cable. With six standard enclosure variations, certified for use with 1718 Ex I/O, customers have the flexibility to choose according to their application requirements.

Enclosure suitable for Zone 1/21 areas



1718 Ex I/O with 10-slot chassis



1718 Ex I/O with 40-slot chassis

1718 Ex I/O in Pepperl+Fuchs Glass Reinforced Polyester (GRP) enclosure. For more 1718 Ex I/O information, reference profile [1718-PP001](#).

