

Star-Line EX[®]

Industrial Connector



The Star-Line EX[®] is a hybrid connector certified for use in a Zone 1-IIC hazardous environment. A heavy duty environmentally sealed connector, these connectors have proven to provide exceptional performance in the most complex ground support cable network, automatic and process control systems and instrumentation systems.

Features & Benefits:

- Rated for use up to 1000V AC/DC
- Large coupling sleeve, secured with captive set screws
- Double lead threaded coupling system
- Strong machined aluminum construction
- From 1 to 143 contact positions
- Vast family of reversible inserts for power, signal and mixed applications
- Corrosion resistant plating rated for 300 days salt spray exposure
- Extensive array of hardware & strain relief options
- EX cable gland options available to accept most cable styles

Star-Line EX[®] Certifications:

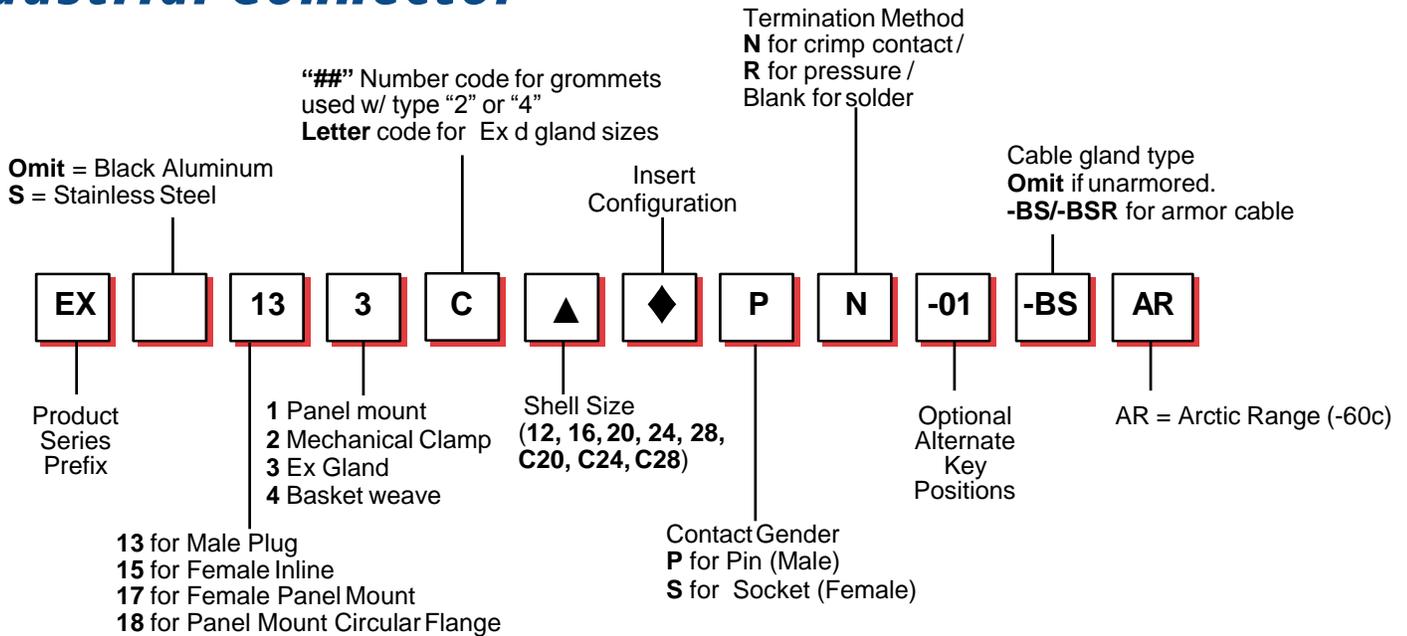
- ATEX Certificate #03ATEX1101X
- IECEx SIR 10.0064X
- CE IP 68-8 rated
- Cenelec certified EExd IIC-T6, flame and dust-proof
- ATEX/IECEx Rated to EExd, and EExde, T6 Gas & Dust ratings
- Rated for use up to 1000V AC/DC
- GOST R Certified #POCC MX.A II 96.B00012

Amphenol Fiber Systems International, Inc. | 1300 Central Expressway N, Suite 100 Allen, TX 75013

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Amphenol Fiber Systems International (AFSI), a division of Amphenol Military & Aerospace Operations (AMAO), is the largest manufacturer of harsh environment fiber optic cable assemblies & connectors in the world. Visit AMAO at amphenolmao.com.

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▲ - ◆	Contact (AWG)	16	12	10	Fiber Optic
	Contact (sqmm)	1.5	4.0	6.0	F-O
	Cert Amps	16	30	40	OP-PR
12 - F10	FO UPC				4
12 - F11	FO Angle Polish				4
12 - F12	FO UPC				6
12 - F13	FO Angle Polish				6
12 - F14	FO UPC		2		2
12 - F15	FO UPC	3			2
12 - F24	FO MT Based		3		24
12 - F25	FO UPC	4			4
16 - F04	FO UPC	6	3		8
16 - F04	FO UPC	6	3		8
16 - F05	FO Angle Polish				12
16 - F06	FO Angle Polish				18
16 - F07	FO Angle Polish				24
16 - F08	FO UPC		6		4
16 - F09	FO MT Based				192
16 - F16	FO UPC				12
16 - F17	FO UPC				18
16 - F18	FO UPC				24
16 - F19	FO UPC				48
16 - F20	FO UPC		4		8
16 - F21	FO UPC	6			4
16 - F22	FO UPC	6			6
16 - F23	FO UPC			4	8
20 - F01	FO UPC		4		8
20 - F02	FO UPC		8	8	8
20 - F03	FO UPC	9	12		12

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Amphenol FSI



About the Star-Line EX[®]:

Amphenol Fiber Systems International's (AFSI) Star-Line EX[®] series of connectors is comprised of metallic bodied plug and receptacle shells, to form in-line cable connections. Externally the main bodies are fitted with suitably certified cable glands. Internally the main bodies each contain an insulator insert fitted with solder or pressure type contacts of either a pin or socket variety. The plug and receptacle shells together form an in-line connector. When connected together they form a spigotted flamepath and are mechanically interlocked by means of a threaded nut retained by a grub screw.

The receptacle connector is available in a bulkhead mounted version that contains an externally threaded flamepath for mounting to certified EX enclosures with suitable internal mating thread. This variety of bulkhead mount connector, must be internally potted.

The range is made of seven body (forms) sizes, each with a number of pin/socket size combinations between 1 and 143 contacts. The connector shell size, pin configuration and rating are reflected in the individual type designations.

How to Order:

For more information on how to order or to obtain a price quote on our Star-Line EX[®] connectors, cable assemblies or any of our other products, please call us at 800-472-4225. For international calls please dial 214-547-2400 or e-mail us at info@fibersystems.com.

About Amphenol Fiber Systems International:

Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas, mining and broadcast applications. After more than two decades in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, MIL-ST, TFOCA and the TFOCA-II[®] connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors in more than 34 countries. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

Visit www.fibersystems.com for more information.

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