

# Variable Frequency Drive (VFD) Control Connectors

For Amphenol Starline & Starline EX

## Tech Specs\*

Harsh Environment
RoHS Compliant
IP Rating
Wire Gauge Range
Number of Circuits
EMI/RFI-Shielding
Style
Operating Voltage
Current Rating (Amps)
Power & Signal on Same Layout
Operating Temperature
Individual Wire Sealing
Cable Jacket Sealing
Type of Coupling
Life in Mating Cycles (min.)
Shell Material
Shell Plating
Shell Color
Positive Shell Polarization
Insert Polarization Options
User Polarization
Standards/Associated Specs.
Contact Plating
Contact Styles
Termination Type
Co-ax
Fiber Optic
High Voltage >1000V
Ethernet (RJ45 insert option)
First-Mate Last-Break



Starline EX

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IP68-8
777MCM to 22AWG
1 to 143
No
Circular
up to 1000VAC
up to 1135A
Available
-40°C to 55° (-60°C to 55°C on Arctic range)
No
Yes
ACME threaded
500
Aluminium, Brass, Stainless Steel
Hard Anodic coating (only on aluminium version)
Black (on aluminium version) Stainless Steel
No
Yes
No
Sira 03ATEX1101X, IECEx SIR 10.0064X
Gold and silver
Pin/Socket
Solder, Crimp, Pressure
No
Call factory if required
Yes
No
Yes



Starline

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IP68-8
777MCM to 22AWG
1 to 143
No
Circular
up to 1000VAC
up to 1135A
Available
-55°C to 107°C
No
Yes
Double-Lead Acme Thread
500
Aluminium
Hard Anodic coating
Grey/Olive Drab
No
Yes
No
Proprietary part based on MIL-5015 parameters
Gold and silver
Pin/Socket
Solder, Crimp, Pressure
No
Call factory if required
Yes
No
Yes

\*For full tech specs of Starline and Starline EX, please refer to their respective catalogs found on [www.peigenesis.com](http://www.peigenesis.com)

