



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	50
Gender	Reverse Gender
Locking system	Push-pull
Jacket cable outside diameter [mm]	7.10 - 30.20 mm
Size	5F
Suggested matching part	FGX.5F.350.XLM
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/ehx-5f-350-xlc.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	50
Contact Termination Low voltage	Crimp
Insert configuration value	5F.350 - 50 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	1450 V (AC), 2050 V (DC)
Gender	Reverse Gender

Form & Material

Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	5 keys (alpha=100, beta=125, gamma=40, delta=20, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	43.24 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Endurance	1000 mating cycles
Temperature range	-15°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	15/200/21 (Aluminium shell)
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	max. 48 hr

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/ehx-5f-350-xlc.html

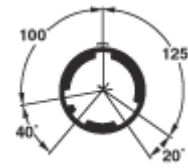
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cable fixation

Jacket cable outside diameter [mm]

7.10 - 30.20 mm

Drawings



Recommended By Lemo

Tools

Spanner 2	DCM.65.340.AZ
Positionner	DCE.91.093.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/ehx-5f-350-xlc.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.