



Image for illustrative purpose only

Summary

[Request a quote](#)

[f series](#)

Nb of contacts Thermocouple	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 9.00 mm
Size	0F
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/php-0f-902-xlk.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

Nb of contacts Thermocouple	4
Contact Termination Thermocouple	Crimp
Insert configuration value	0F.902 - 2 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
Gender	Standard

Form & Material

Shell style / Model id	PH - Straight receptacle
Socket / Receptacle	Free
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	7.27 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP67
Temperature range	-15°C / +200°C (max. temperature valid for short periods of use.)
Climatic 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

Cable fixation

Cable termination protection	Heatshrink
Fixation type	Heatshrink
Jacket cable outside diameter [mm]	3.80 - 9.00 mm

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/php-0f-902-xlk.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.

Drawings



Dimensions

	B	A	L	X
mm.	9	12	26.7	8
in.	0.35	0.47	1.05	0.31

Recommended By Lemo

Accessories

Compatible cap	BRF.0F.200.XAV
----------------	--------------------------------