



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Number of contacts Low Voltage	20
Wire Size/AWG	18 - 14
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	11.60 - 12.50 mm
Size	5N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-320-tlcy12.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

Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	5N.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Contact retention	50 N
Contact Type	Crimp
Max. Conductor	1.5 mm ² (AWG 14)
Min. Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.9 mm (0.075in)
Contact Dia.	1.6 mm (0.063in)
Number of contacts Low Voltage	20
Wire Size/AWG	18 - 14
Gender	Standard

Form & Material

Shell style / Model id	FMG - Elbow plug (120°) with positioning pin, cable clamp and rough handling surface
Plug	Elbow
Housing material	Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Push-Pull latch for manipulator. Male contacts
Colour	Grey
Weight	1254.51 g

Environment

Technical domain	Energy and Industrial, Specialties and Other
Environmental sealing (IP rating)	IP66

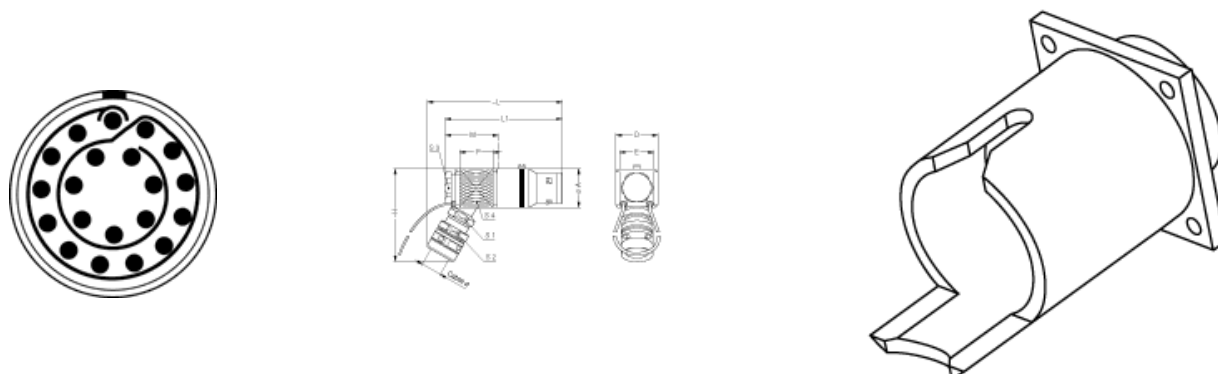
https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-320-tlcy12.html

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

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	11.60 - 12.50 mm

Drawings



Dimensions

	A	D	E	H	L	L1	M	P	S1	S2	S3	S4
mm.	45	48	42	116.9	154.5	129.6	66.3	23	36	40	38	42
in.	1.77	1.89	1.65	4.6	6.08	5.1	2.61	0.91	1.42	1.57	1.5	1.65

Recommended By Lemo

Accessories

Replacement contact [FGG.5B.570.ZZC](#)

Tools

Extraction tool [DCC.16.25B.LAG](#)

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-320-tlcy12.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.