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## Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	16 - 12
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.60 - 11.50 mm
Size	4N
Suggested matching part	<a href="#">EDG.4N.306.TLM</a>
Series	N - Nuclear Stainless Steel

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	4N.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	24 A
Contact retention	65 N
Contact Type	Crimp
Max. Conductor	2.5 mm <sup>2</sup> (AWG 12)
Min. Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	6
Wire Size/AWG	16 - 12
Gender	Standard

## Form & Material

Shell style / Model id	FZG - Straight plug with positioning pin, cable clamp and smooth handling surface
Plug	Straight
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

## Environment

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

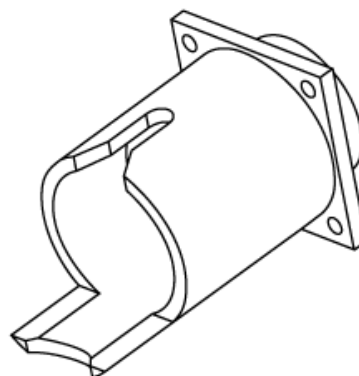
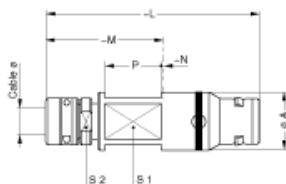
[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html)

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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 11.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>P</b>	<b>S1</b>	<b>S2</b>
mm.	31	113	62	1	30	26	25
in.	1.22	4.45	2.44	0.04	1.18	1.02	0.98

## Recommended By Lemo

### Accessories

Replacement contact [FGG.4B.575.ZZC](#)

### Tools

Extraction tool [DCC.20.25B.LAG](#)

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-306-tlcy11.html)

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