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## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	22 - 14
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.60 - 10.00 mm
Size	3N
Suggested matching part	<a href="#">EDG.3N.303.TLL</a>
Series	N - Nuclear Stainless Steel

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-3n-303-tlay10.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-3n-303-tlay10.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	3N.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Contact Type	Solder
Max. Solid Conductor	1.5 mm <sup>2</sup> (AWG 14)
Max. Stranded Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	3
Wire Size/AWG	22 - 14
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
Weight	202.56 g

## Environment

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

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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.60 - 10.00 mm

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