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## Summary

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Number of contacts Low Voltage	30
Wire Size/AWG	30 - 22
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.330.TLL</a>
Series	N - Nuclear Stainless Steel

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	4N.330 - 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Contact Type	Solder
Max. Solid Conductor	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor	0.34 mm <sup>2</sup> (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.035in)
Number of contacts Low Voltage	30
Wire Size/AWG	30 - 22
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	366.29 g

## Environment

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

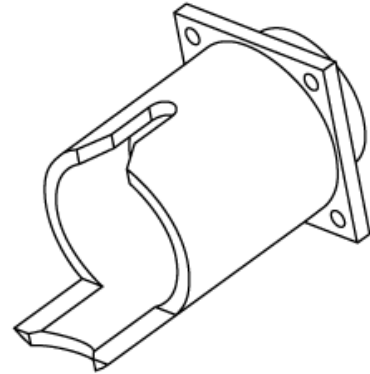
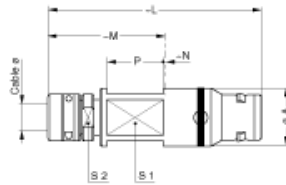
[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html)

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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

## Cables

<b>Cable PartNumber</b>	<b>Material</b>	<b>Colour</b>	<b>Cable image</b>
430250	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-4n-330-tlay11.html)

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