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Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	16 - 12
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	3N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-3n-303-tycy85.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	3N.303 - 3 Low Voltage
Insulator	Y: PEEK
Rated current	25 A
Contact retention	65 N
Contact Type	Crimp
Max. Conductor	2.5 mm ² (AWG 12)
Min. Conductor	1.5 mm ² (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	3
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
Weight	213.54 g

Environment

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

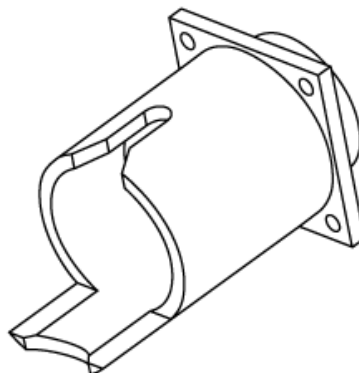
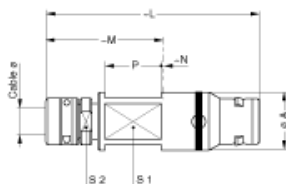
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

Drawings



Dimensions

	A	L	M	N	P	S1	S2
mm.	25	103	55	1	25	21	20
in.	0.98	4.06	2.17	0.04	0.98	0.83	0.79

Recommended By Lemo

Accessories

Replacement contact [FGG.3B.575.ZZC](#)

Tools

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

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