



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	20
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	10.10 - 11.00 mm
Size	3N
Series	N - Nuclear Stainless Steel

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-320-tlay11.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fdg-3n-320-tlay11.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	20
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	3N.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6 A
Max. 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.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FDG - 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	180.44 g

## Environment

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

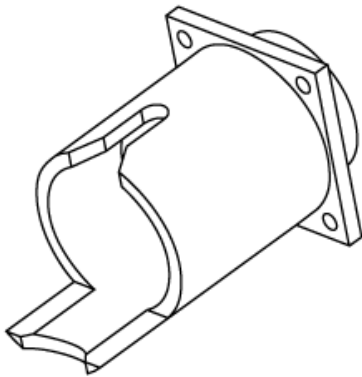
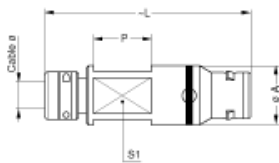
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.10 - 11.00 mm

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# Drawings



## Dimensions

	A	L	P	S1
mm.	25	91	23	21
in.	0.98	3.58	0.91	0.83