



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	30
Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	16.60 - 17.00 mm
Size	5N
Series	N - Nuclear Stainless Steel

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-330-tlcy17.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-330-tlcy17.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	30
Contact Termination Low voltage	Crimp
R (max)	3.6 mOhm
Insert configuration value	5N.330 - 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Contact retention	40 N
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	20 - 18
Gender	Standard

## Form & Material

Shell style / Model id	FMG - Elbow plug (120°) with positioning pin, cable clamp and rough handling surface
Plug	Elbow
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	1293.93 g

## Environment

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

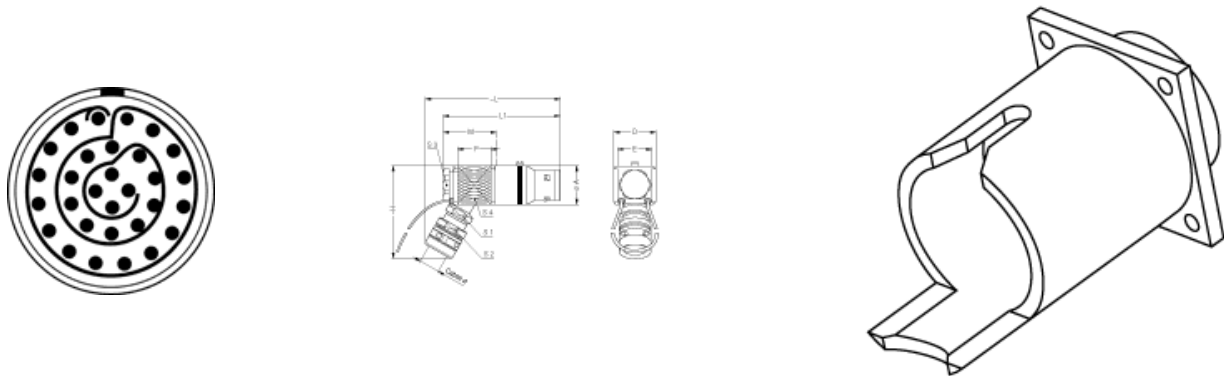
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	16.60 - 17.00 mm

Drawings



Dimensions

	A	D	E	H	L	L1	M	P	S1	S2	S3	S4
mm.	45	48	42	116.9	154.5	129.6	66.3	23	36	40	38	42
in.	1.77	1.89	1.65	4.6	6.08	5.1	2.61	0.91	1.42	1.57	1.5	1.65

Recommended By Lemo

Accessories

Replacement contact	<a href="#">FGG.5B.565.ZZC</a>
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Tools

Extraction tool	<a href="#">DCC.13.15B.LAG</a>
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