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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	18 - 10
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	11.60 - 12.50 mm
Size	4N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-4n-304-tlay12.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.1 mOhm
Insert configuration value	4N.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	30 A
Contact Type	Solder
Max. Solid Conductor	4 mm ² (AWG 10)
Max. Stranded Conductor	4 mm ² (AWG 12)
Bucket Dia.	2.7 mm (0.106in)
Contact Dia.	3 mm (0.118in)
Number of contacts Low Voltage	4
Wire Size/AWG	18 - 10
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	487.14 g

Environment

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

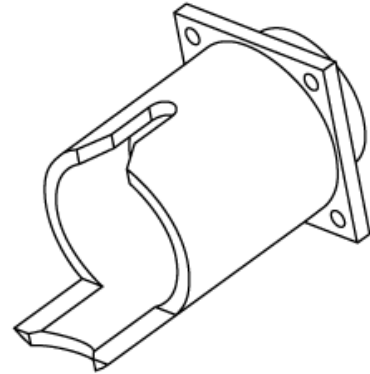
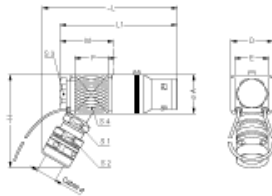
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	11.60 - 12.50 mm

Drawings



Dimensions

	A	D	E	H	L	L1	M	P	S1	S2	S3	S4
mm.	31	36	30	76.8	109.2	93	42.5	23	22	25	24	30
in.	1.22	1.42	1.18	3.02	4.3	3.66	1.67	0.91	0.87	0.98	0.94	1.18

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