



## Summary

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Number of contacts Low Voltage	18
Wire Size/AWG	30 - 22
Locking system	Push-pull
Size	3N
Series	N - Nuclear Stainless Steel

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	3N.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Contact Dia.	0.9 mm (0.04in)
Number of contacts Low Voltage	18
Wire Size/AWG	30 - 22

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/asg-3n-318-tlapv.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/asg-3n-318-tlapv.html)

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## Form & Material

Shell style / Model id	ASG - Fixed adapter to K/N series plug, vacuum tight, nut fixing
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
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	221.08 g

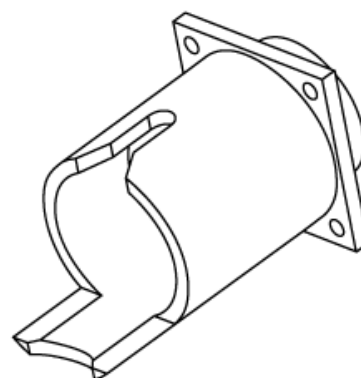
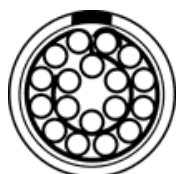
## Environment

Technical domain	Energy and Industrial, Specialties and Other
Environmental protection (IP rating)	Hermetic unmated
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
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## Drawings



## Dimensions

	A	B	C	F	G	M	N	P	S1	S2
mm.	32	M24x1.0	34	18.5	19	56.5	54.0	37	30	22.5
in.	1.26		1.34	0.73	0.75	2.22	2.13	1.46	1.18	0.89

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