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## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	22 - 14
Locking system	Push-pull
Size	3N
Series	N - Nuclear Stainless Steel

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
Insert configuration value	3N.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Contact Dia.	2 mm (0.08in)
Wire Size/AWG	22 - 14

## 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
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	218.14 g

## Environment

Technical domain	Energy and Industrial, Specialties and Other
Environmental sealing (IP rating)	Hermetic unmated
Endurance	>1000 mating cycles
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)

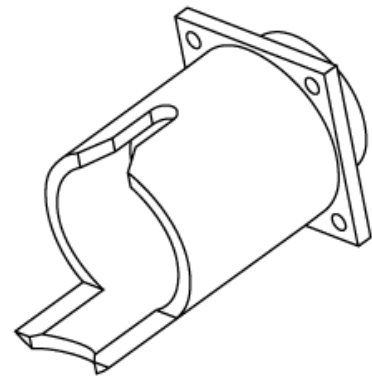
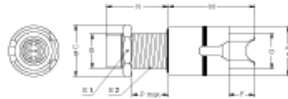
## Cable fixation

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

[https://www.lemo.com/int\\_en/solutions/supreme/n-nuclear-stainless-steel/asg-3n-303-tlapv.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/asg-3n-303-tlapv.html)

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## Dimensions

	<b>A</b>	<b>B</b>	<b>C</b>	<b>F</b>	<b>G</b>	<b>M</b>	<b>N</b>	<b>P</b>	<b>S1</b>	<b>S2</b>
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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