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Summary

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Number of contacts Low Voltage	12
Wire Size/AWG	28 - 20
Locking system	Push-pull
Size	4N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/asy-4n-312-tlapv.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	4N.312 - 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Contact Type	Solder
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	12
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	ASY - Fixed adapter to K/E series plug, vacuum tight, nut fixing with lever
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 with additional lever. Male contacts
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	557.05 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)

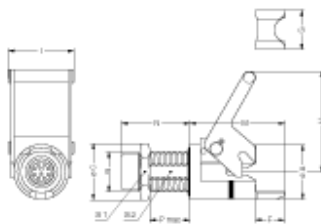
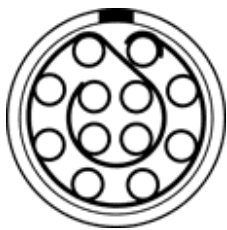
Cable fixation

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



Dimensions

	A	B	C	F	G	H	I	M	N	P	S1	S2
mm.	40	M30x1.0	40.5	20.0	24	75.8	43.6	81.7	42.5	23.5	36	28.5
in.	1.57		1.59	0.79	0.94	2.98	1.72	3.22	1.67	0.93	1.42	1.12

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