



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	20
Wire Size/AWG	24 - 16
Locking system	Push-pull
Size	5N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/aby-5n-320-tlapv.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	5N.320 - 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Contact Type	Solder
Contact Dia.	1.6 mm (0.06in)
Number of contacts Low Voltage	20
Wire Size/AWG	24 - 16

Form & Material

Shell style / Model id	ABY - Fixed adapter to B series, vacuumtight with lever (interchangeable insulator)
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	422.49 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)

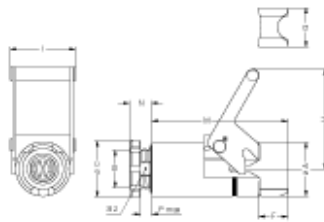
Cable fixation

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	S2
mm.	55	M45x1.5	54	28	35	97	60	123.5	27	18.5	42.5
in.	2.17		2.13	1.1	1.38	3.82	2.36	4.86	1.06	0.73	1.67

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