



Image for illustrative purpose only

Summary

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N Series nuclear connector

Number of contacts Low Voltage	7
Wire Size/AWG	22 - 14
Locking system	Push-pull
Size	4N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/sy-4n-307-tlapv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
Insert configuration value	4N.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 A
Contact Dia.	2 mm (0.08in)
Wire Size/AWG	22 - 14

Form & Material

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)

Environment

Technical domain	Energy and Industrial, Specialties and Other
Environmental sealing (IP rating)	Hermetic unmated
R leak (He) (max)	10^{-7} mbar·l/s (if vacuum-tested)

Cable fixation

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



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