



Summary

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Number of contacts Low Voltage	8
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3N
Series	N - Nuclear Stainless Steel

Technical details

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/hsg-3n-308-tllpv.html

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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	3N.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Type	Solder
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Number of contacts Low Voltage	8
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	HSG - Fixed receptacle, with long pre-positioning sleeve, watertight or vaccumtight
Socket / Receptacle	Fixed Panel Front Mounted
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. Female contacts
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	212.47 g

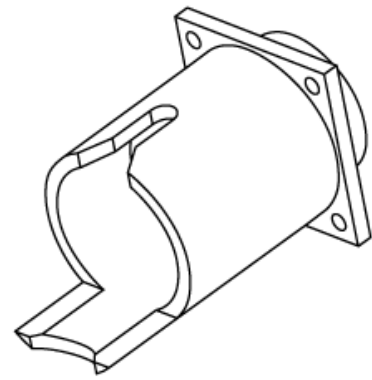
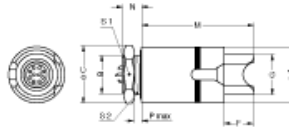
Environment

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

Drawings

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/hsg-3n-308-tllpv.html

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Dimensions

	A	B	C	F	G	M	N	P	S1	S2
mm.	32	M24x1.0	34	18.5	19	68.5	13.0	8.0	30	22.5
in.	1.26		1.34	0.73	0.75	2.7	0.51	0.31	1.18	0.89

Recommended By Lemo
















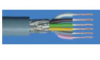


Accessories

Tools

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/hsg-3n-308-tllpv.html

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T20.067PGCE	PVC	Grey	
CMN.08.T20.067PGZE		grey	
CMN.08.T20.067PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
380500	PVC	Grey	
380750	PVC	Grey	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	

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