



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	18
Wire Size/AWG	24 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3N
Series	N - Nuclear Stainless Steel

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/edg-3n-318-tlc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	18
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	3N.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20

Form & Material

Shell style / Model id	EDG - Fixed receptacle with square flange, 4 screw fixing, with long pre-positioning sleeve
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. Male contacts
Colour	Grey
Weight	189.72 g

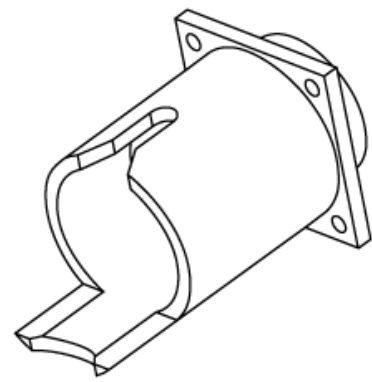
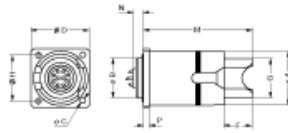
Environment

Technical domain	Energy and Industrial, Specialties and Other
Environmental sealing (IP rating)	IP66

Drawings

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/edg-3n-318-tlc.html

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Dimensions

	A	B	C	D	F	G	H	M	N	P
mm.	32	24	3.2	34	18.5	19	27	68.5	8.7	3
in.	1.26	0.94	0.13	1.34	0.73	0.75	1.06	2.7	0.34	0.12

Recommended By Lemo

Accessories

Replacement contact [FGG.3B.560.ZZC](#)

Tools

Positionner [DCE.91.093.BVC](#)

Extraction tool [DCC.09.05B.LAG](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218220	PVC	Black	
218240	PVC	Black	
218260	PVC	Black	
236080	PVC	Grey	
318250	PVC	Grey	

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