



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	3
Wire Size/AWG	16 - 12
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-303-tlc.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/edg-3n-303-tlc.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	3N.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Contact retention	65 N
Max. Conductor	2.5 mm <sup>2</sup> (AWG 12)
Min. Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	16 - 12

## 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	186.93 g

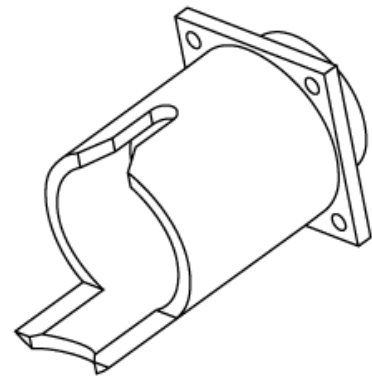
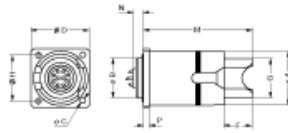
## Environment

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-303-tlc.html](https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/edg-3n-303-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.575.ZZC](#)

### Tools


Positionner [DCE.91.203.BVC](#)

Extraction tool [DCC.20.25B.LAG](#)

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T14.078PGCE			
CMN.03.T18.055PGZE		grey	
CMN.03.T18.055PNZE			
CMN.03.T18.055QGZE	TPR (medical)	Grey	
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
330150	PVC	Grey	
60080	PVC	Grey	

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