



Summary

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Low Voltage	4
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 9.00 mm
Size	0F
Matching parts	FGN.0F.304.XLC
Series	F - Rugged Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/een-0f-304-xlm.html

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Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	0F.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 Amps
Vtest (contact-contact)	1350 V (AC), 1910 V (DC)
Vtest (contact-shell)	1100 V (AC), 1560 V (DC)
Contact retention	22 N
Contact Type	Crimp
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Low Voltage	4
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	3.89 g

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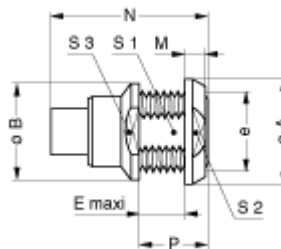
Environment

Technical domain	Motorsport, Security and Defence
Environmental protection (IP rating)	IP50
Minimal temperature	-15°C / +200°C
Climatical Category	15/200/21 (Aluminium shell)
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	max. 48 hr

Cable fixation

Jacket cable outside diameter [mm]	3.80 - 9.00 mm
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Drawings



Dimensions

	E	e	B	A	M	P	S1	N	S2	S3
mm.	6	M10x0.75	12	13	2.5	8.5	9	19	11	10.5
in.	0.24		0.47	0.51	0.1	0.33	0.35	0.75	0.43	0.41

Recommended By Lemo

Accessories

Replacement contact [EGG.0B.655.ZZM](#)

Tools

Positionner [DCE.91.070.BVM](#)

Extraction tool [DCF.93.070.4LT](#)

Crimp tool [DPC.91.701.V](#)

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	

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Cable PartNumber	Material	Colour	Cable image
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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