



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	5
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 9.00 mm
Size	0F
Series	F - Rugged Push-Pull

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/egp-0f-305-nlm.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	0F.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6.5 A
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 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)
Number of contacts Low Voltage	5
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Locking system	Push-pull
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Weight	5.17 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP50
Salt Spray Corrosion	>144 hr

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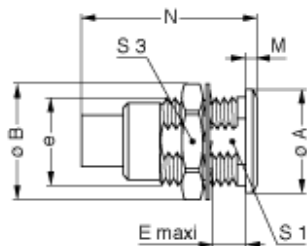
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Cable fixation

Jacket cable outside diameter [mm]

3.80 - 9.00 mm

Drawings



Dimensions

	A	E	N	M	S1	S3	B	e
mm.	10	7	19	1.2	8.2	11	12.5	M9x0.6
in.	0.39	0.28	0.75	0.05	0.32	0.43	0.49	

Recommended By Lemo

Accessories

Replacement contact

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

Compatible cap

[BRE.0F.200.XAV](#)

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.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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