



Summary

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Low Voltage	3
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.80 - 9.00 mm
Size	0F
Series	F - Rugged Push-Pull

Technical details

https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/phn-0f-303-nlm.html

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Electrical Configuration

Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	0F.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 Amps
Vtest (contact-contact)	1700 V (AC), 2400 V (DC)
Vtest (contact-shell)	1600 V (AC), 2300 V (DC)
Contact retention	30 N
Contact Type	Crimp
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)
Low Voltage	3
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	PH - Straight receptacle
Socket / Receptacle	Free
Locking system	Push-pull
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	11.08 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental protection (IP rating)	IP67
Salt Spray Corrosion	>144 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.80 - 9.00 mm

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Recommended By Lemo

Accessories

Replacement contact [EGG.0B.660.ZZM](#)











Tools

Positionner [DCE.91.090.BVM](#)

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

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

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T20.049PGZE		grey	
CMN.03.T20.049PNZE			
130240	PVC	Black	
130250	PVC	Grey	
230500	PVC	Grey	
230750	PVC	Grey	
30110	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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