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## Summary

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Number of contacts Low Voltage	5
Wire Size/AWG	26 - 22
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

[https://www.lemo.com/int\\_en/solutions/optima/f-rugged-push-pull/php-0f-305-nlm.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/php-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 <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (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	PH - Straight receptacle
Socket / Receptacle	Free
Locking system	Push-pull
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Weight	11.09 g

## Environment

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

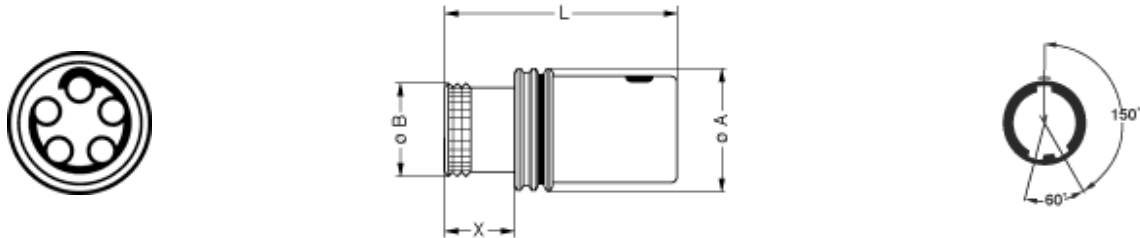
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## Cable fixation

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

## Drawings



## Dimensions

	<b>B</b>	<b>A</b>	<b>L</b>	<b>X</b>
mm.	9	12	26.7	8
in.	0.35	0.47	1.05	0.31

## Recommended By Lemo

### Accessories

Replacement contact	<a href="#">EGG.0B.655.ZZM</a>
Compatible cap	<a href="#">BRF.0F.200.XAV</a>





### Tools

Positionner	<a href="#">DCE.91.070.BVM</a>
Extraction tool	<a href="#">DCF.93.070.4LT</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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