

## SUMMARY

### # Wires

Low voltage	30
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*Image is for illustrative purpose only*

Series	3F
Termination type	Male crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 16.00 mm
Status	active

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[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug
Keying	3 keys (beta=145, gamma=70, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	16.17 g

### Performance

Configuration	3F.330 : 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3.5 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)

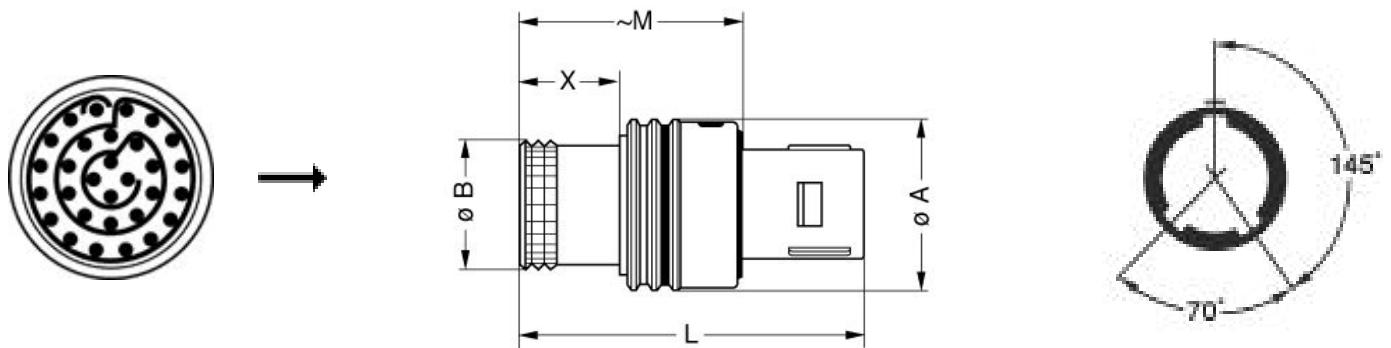
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

## Others

Endurance (Shell): 1000 mating cycles  
Temp (min / max): -55°C / +200°C  
Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Operating temperature: -55°C/ +200°C  
Climatical Category: 15/200/21 (Aluminium shell)  
Salt Spray Corrosion: max. 48 hr

## DRAWINGS



## Dimensions

	A	B	L	M	X
mm.	19	16	27.8	17.9	8
in.	0,75	0,63	1,09	0,70	0,31

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

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Crimp settings: AWG/Selector = 22-24-26/6-5-5  
 Positionner: [DCE.91.070.BVC](#)  
 Extractor: [DCF.93.070.4LT](#)  
 Replacement contact: FGG.0B.555.ZZC

## Cables

CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		Grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330240	PVC	Black	
330260	PVC	Black	
430250	PVC	Grey	

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