

SUMMARY

Wires

Low voltage	12
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Image is for illustrative purpose only

Series	2F
Termination type	Male crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 14.00 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=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and nut, other pieces brass
Weight	16.80 g

Performance

Configuration	2F.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

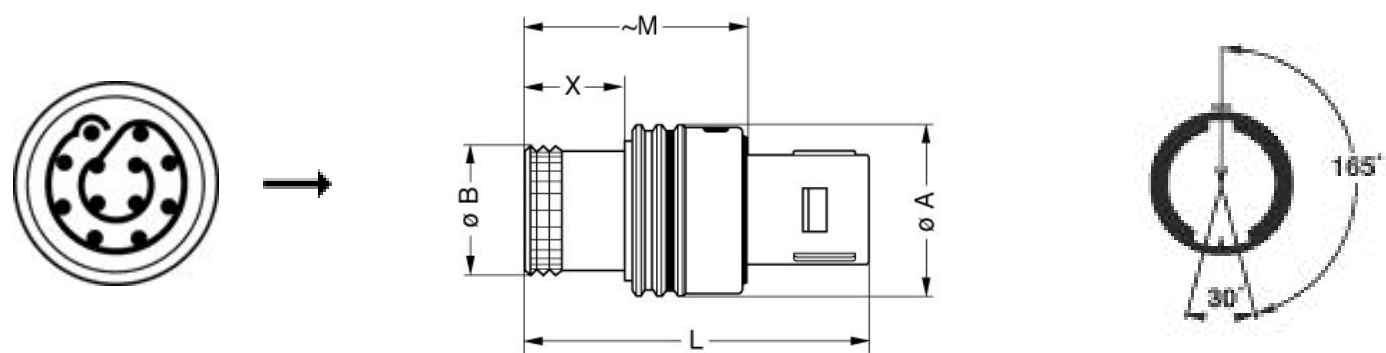
Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm ² (AWG 26)
Max. Conductor: 0.34 mm ² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

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Others

- Endurance (Shell): 5000 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]
- Climatical Category: 50/175/21 (Aluminium shell)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	L	M	X
mm.	17	14	27.8	17.9	8
in.	0,67	0,55	1,09	0,70	0,31

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5
- Positionner: [DCE.91.070.BVC](#)

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Extractor: [DCF.93.070.4LT](#)

Replacement contact: FGG.0B.555.ZZC

Cables

CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		Grey	
CMN.12.T28.054PNZE			
112240	PTFE	White	
112260	PTFE	White	
112280	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	
212220	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	

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