

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	2F
Termination type	Male crimp
IP rating	67 mated (mating interface)
AWG wire size	24.00 - 20.00
Cable Ø	5.30 - 14.00 mm
Status	Active
Matching parts	EGN.2F.310.CLM

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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	16.84 g

Performance

Configuration	2F.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

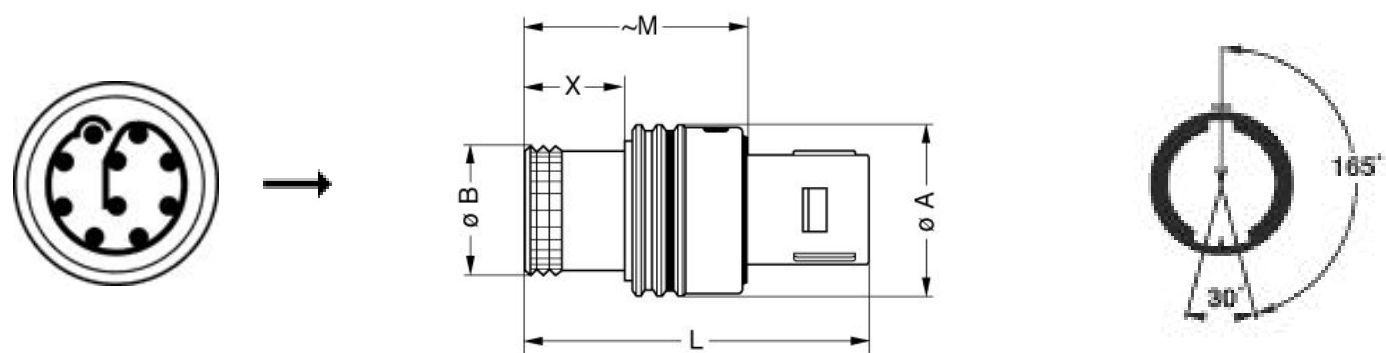
Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm ² (AWG 24)
Max. Conductor: 0.5 mm ² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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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


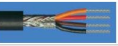






- Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [DCE.91.090.BVC](#)

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Extractor: [DCC.09.05B.LAG](#)

Replacement contact: FGG.0B.560.ZZC

Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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