

## SUMMARY

### # Wires

Low voltage 40



*Image is for illustrative purpose only*

Series 4F  
Termination type Female crimp  
IP rating 67  
AWG wire size 26.00 - 22.00  
Cable Ø 5.30 - 21.20 mm  
Status active  
Matching parts [FGW.4F.340.XLC](#)

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PE\*: Straight receptacle, nut fixing (back panel mounting)  
Keying 5 keys (alpha=95, beta=115, gamma=35, delta=25, 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 27.72 g

### Performance

Configuration 4F.340 : 40 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 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

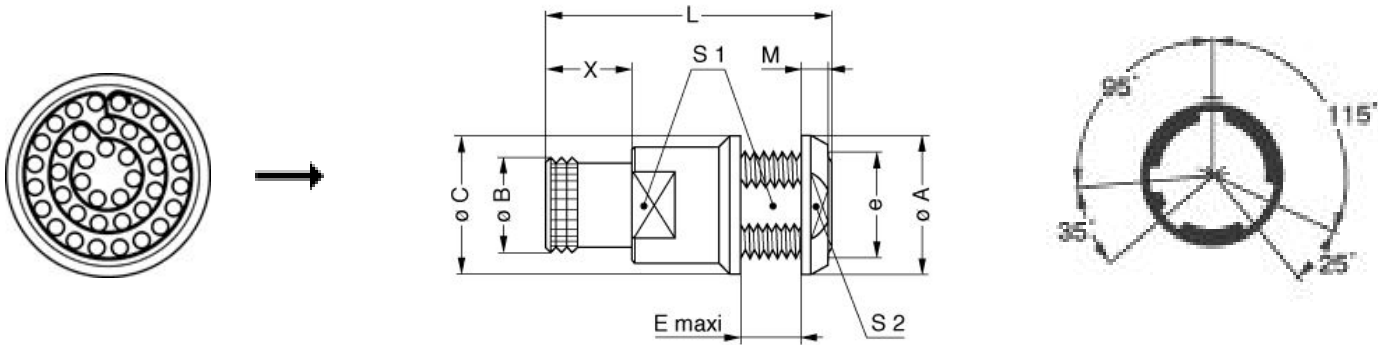
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Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Endurance (Shell): 1000 mating cycles  
Temp (min / max): -15°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: 15/200/21 (Aluminium shell)  
Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

	A	B	C	E	L	M	S1	S2	X	e
mm.	29	21.2	29	6.4	26.7	5	22	25	8	M24x1.0
in.	1,14	0,83	1,14	0,25	1,05	0,20	0,87	0,98	0,31	

RECOMMENDED BY LEMO

Tools

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

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Positionner: [DCE.91.070.BVM](#)  
Extractor: [DCF.93.070.4LT](#)  
Replacement contact: EGG.4F.655.ZZM

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