

## SUMMARY

### # Wires

Low voltage 40



*Image is for illustrative purpose only*

Series	4F
Termination type	Male crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 21.20 mm
Status	active
Matching parts	<a href="#">FGX.4F.340.XLM</a>

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EH*: Fixed receptacle, nut fixing (back panel mounting, printed circuit mounting possible)
Keying	5 keys (alpha=100, beta=125, gamma=40, delta=20, plug: female contacts, receptacle: male contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	140.54 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

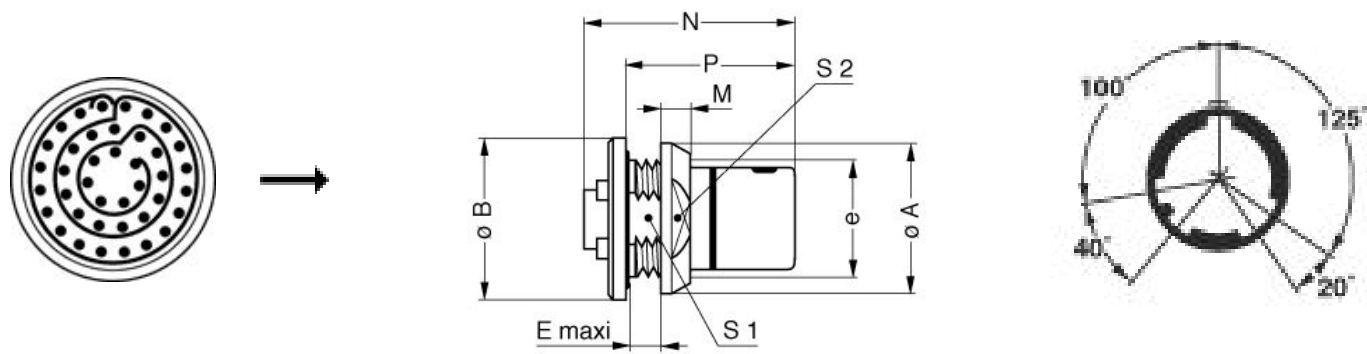
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Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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	E	M	N	P	S1	S2	e
mm.	29	29	3	5	21	16.5	22	25	M24x1.0
in.	1,14	1,14	0,12	0,20	0,83	0,65	0,87	0,98	

RECOMMENDED BY LEMO

Tools

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

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Positionner: [DCE.91.070.BVC](#)  
Extractor: [DCF.93.070.4LT](#)  
Replacement contact: FGG.4F.555.ZZC

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