

MECHANICAL DETAILS

Shell Style Model FG* : Straight plug

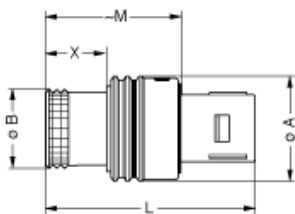
Keying 3 keys (alpha=135, gamma=90, plug: female contacts, receptacle: male contacts)

Housing Material Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass


Cable Fixing 0 - 0 mm

Variant 2 :

	A	B	L	M
Mm.	19	16	27.5	18.2
In.	0.75	0.63	1.08	0.72



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 [f_series.pdf](#)

PERFORMANCE DETAIL

Insert 3F.330 : 30 Low Voltage

Insulator L: PEEK

Specifications

Contact Type: Crimp

Max. Matings: 5000

Contact 22 N

Contact Dia.: 0.7 mm (0.028in)

Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm² (AWG 26)

Max. Conductor: 0.34 mm² (AWG 22)

R (max): 6.1 mOhm

Positioner: DCE.91.071.FVM



OTHER CHARACTERISTICS

Endurance (Shell) Endurance (Shell):

Temp (min) -15°C

Temp (max) +200°C

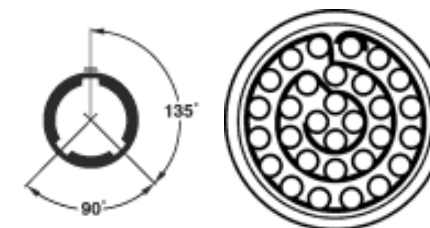
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]







Shock Resistance: 100 g [6 ms]

Climatical 15/200/21 (Aluminium shell)

IP Rating 67



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