



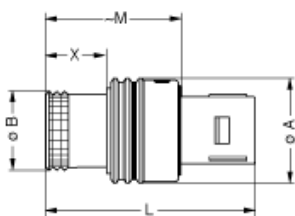
FGN.1F.305.XLC

MECHANICAL DETAILS

Shell Style Model	FG* : Straight plug
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female 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.	14	10.7	27.5	18.1
In.	0.55	0.42	1.08	0.71



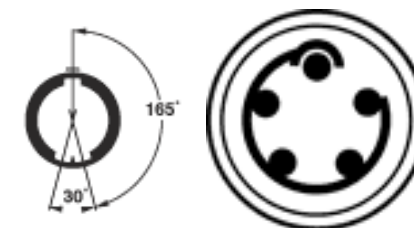
PERFORMANCE DETAIL

Insert	1F.305 : 5 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Crimp
Max. Matings:	5000
Contact	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
Positioner:	DCE.91.090.BVC



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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