

Part Number . . . **FMN.2M.310.XLCT**

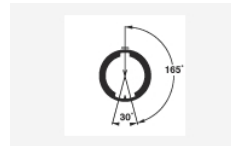
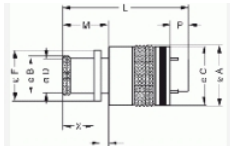
Size/Series 2MN / M

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MECHANICAL DETAILS

Shell Style/Model	FM*: Straight plug with knurled grip and mold stop
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	$\perp$: 0 - 0 mm
Variant	:

	A	B	C	D	L	M	P	X
mm.	17.6	14.0	17.2	13.0	27.5	10.1	4.0	7.1
in.	0.69	0.55	0.68	0.51	1.08	0.40	0.16	0.28



PERFORMANCE DETAILS

Insert Configuration Specifications	2M.310 : 10 Low Voltage
Contact Type:	Crimp
Max. Matings:	5000
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
Test voltage (kV rms)	1.8
Contact-contact:	
Test voltage (kV rms)	1.2
Contact-shell:	
Rated current (A):	8

OTHER CHARACTERISTICS

Humidity (max):	<=95% [at 60 deg C /140 F]
Vibration:	15 g [10 Hz - 2000 Hz]
Shock Resistance:	100 g [6 ms]
Operating temperature:	-55°C/ +200°C
Climatical Category:	15/200/21 (Al. shell)
Lighting strike EIA 364-75	10K amps - 6 times
EMI Shielding EIA 364-66A	- 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
IP Rating	68
Catalog	

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