

Part Number

FGN.OM.305.XLCT

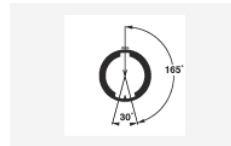
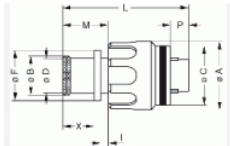
Size/Series OMN / M

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MECHANICAL DETAILS

Shell Style/Model	FG*: Straight plug with arctic 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	F	I	L	M	P	X
mm.	14.4	8.8	12.7	8.0	10.7	1.5	30.1	9.7	4.0	6.7
in.	0.57	0.35	0.50	0.31	0.42	0.06	1.19	0.38	0.16	0.26



PERFORMANCE DETAILS

Insert Configuration Specifications	OM.305 : 5 Low Voltage
Contact Type:	Crimp
Max. Matings:	5000
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Test voltage (kV rms)	1.25
Contact-contact:	1.25
Test voltage (kV rms)	1
Contact-shell:	1
Rated current (A):	6.5

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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