

Part
Number

FGN.0M.304.XLCT

Status Active

Size/Series 0MN / M

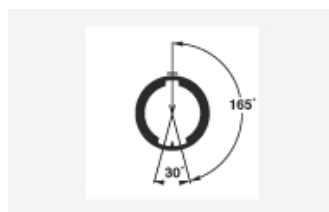
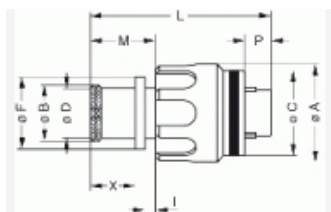
Matching EGN.0M.304.XLM

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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	: 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	0M.304 : 4 Low Voltage
Specifications	
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)	1.35
Contact-contact:	
Test voltage (kV rms)	0.9
Contact-shell:	
Rated current (A):	7
Extractor:	DCF.93.070.4LT
Positioner:	DCE.91.070.5MVC

OTHER CHARACTERISTICS

Endurance (Shell)	
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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"", "", "", "": Note: You can still get the CAD file even if no 3D preview is displayed below.

The 3D viewer requires the Java Runtime Environment (JRE) and for Java to be enabled on your system.

If Java is not installed, go to

<http://www.java.com/en/download/manual.jsp>

For the Firefox users, Java can be blocked by your browser. More info on :

<https://addons.mozilla.org/en-US/firefox/blocked/p80>