

## SUMMARY

### # Wires

Low	30
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3M
Termination type	Male crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	EGN.3M.330.XLM
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug with arctic grip and MIL spec backend
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	
Weight	16.33 g

### Performance

Configuration	3M.330 : 30 Low Voltage
Insulator	
Rated Current	3.5 Amps

### Specifications

Contact Type: Crimp  
Max. Matings: 3000

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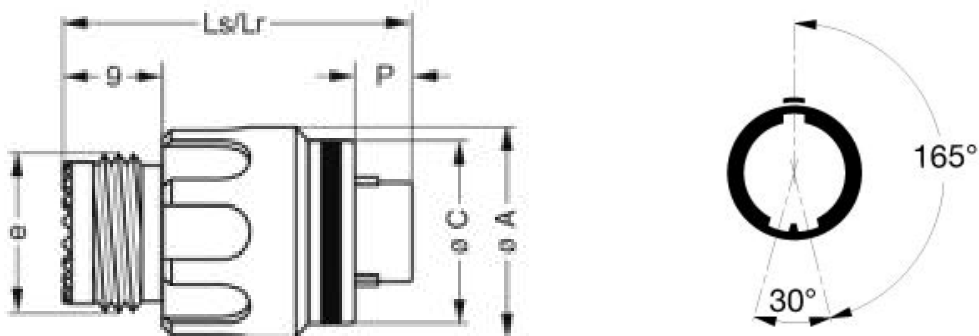
Contact Retention: 22 N  
 Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.10  
 Test voltage (kV rms) Contact-shell: 1.00

## Others

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

## DRAWINGS

### Draws



### Dimensions

	A	C	Lr	Ls	P	e
mm.	20.9	19.2	26.4	26.4	3.9	M18x1.0
in.	0,82	0,76	1,04	1,04	0,15	

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.070.5MVC

Extractor: DCF.93.070.4LT

Replacement contact: FGN.0M.555.ZZC

## Cables

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