

## SUMMARY

### # Wires

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

Series	3M
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMN.3M.330.XLC
Status	active
Alternative part	



*Image is for illustrative purpose only*

### Download

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[PCB Eagle Pattern](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing, for printed circuit
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	21.15 g

### Performance

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

### Specifications

Contact Type: Print (straight)
Max. Matings: 3000

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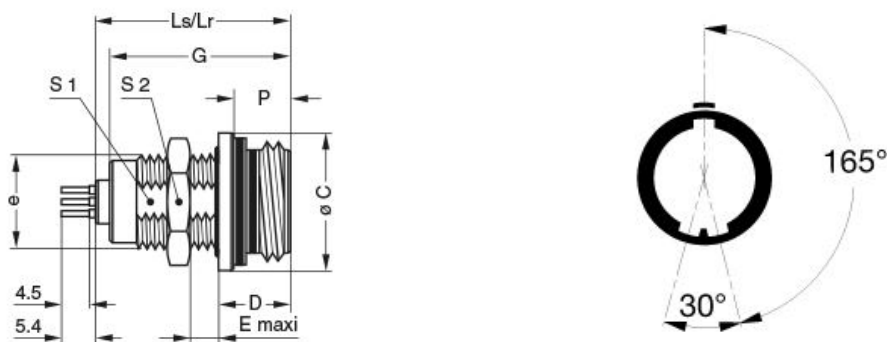
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Test voltage (kV rms) Contact-contact: 1.10  
Test voltage (kV rms) Contact-shell: 1.00

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

	C	D	E	G	Lr	Ls	P	S1	S2	e
mm.	19.2	6.8	4	16.8	18.3	18.3	5.3	14.5	19	M16x1.0
in.	0,76	0,27	0,16	0,66	0,72	0,72	0,21	0,57	0,75	

RECOMMENDED BY LEMO

Tools

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None

## Cables

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