

## SUMMARY

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	2M
Termination type	Male crimp
IP rating	68
Cable Ø	6.50 - 13.00 mm
Status	active
Alternative part	
Matching parts	<a href="#">EGU.2M.310.XLM</a>



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug with arctic grip and mold stop
Keying	3 keys (beta=130, gamma=100, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Variant	
Weight	10.65 g

### Performance

Configuration	2M.310 : 10 Low Voltage
Insulator	L: PEEK
Rated Current	8 Amps

### Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)

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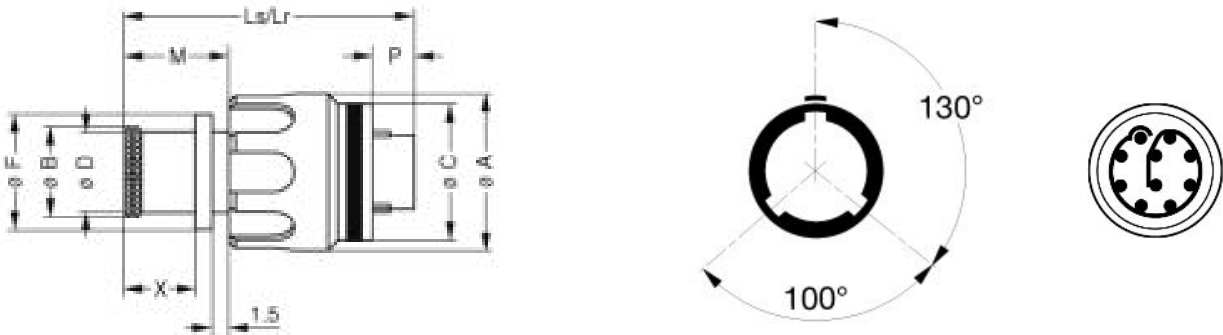
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Test voltage (kV rms) Contact-contact: 1.8  
Test voltage (kV rms) Contact-shell: 1.2

Others

Endurance (Shell): 3000 mating cycles  
Temp (min / max): -20°C / +200°C  
Humidity (max): 21 days at 95%  
Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)  
Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]  
Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]  
Shock Resistance: 300 g [ 3 ms]  
Lighting strike EIA 364-75: 10K amps - 6 times  
Thermal shock: 5 cycles: -65°C to +150°C  
EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)  
Salt Spray Corrosion: max. 48 hr  
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	C	D	F	Lr	Ls	M	P	X
mm.	18.9	14	17.2	13	15.5	27.5	27.5	10.1	3.9	7.1
in.	0.74	0.55	0.68	0.51	0.61	1.08	1.08	0.40	0.15	0.28

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.090.5MVC

Extractor: DCF.93.090.4LT

Replacement contact: FGN.0M.560.ZZC

## Cables

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