

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	1M
Termination type	Female crimp
IP rating	68
Cable Ø	4.85 - 9.70 mm
Matching parts	FMU.1M.308.XLC
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PM*: Free receptacle with knurled grip
Keying	3 keys (beta=130, gamma=100, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 4.85 - 9.7 mm
Variant	

### Performance

Configuration	1M.308 : 8 Low Voltage
Insulator	
Rated Current	5.0 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 3000

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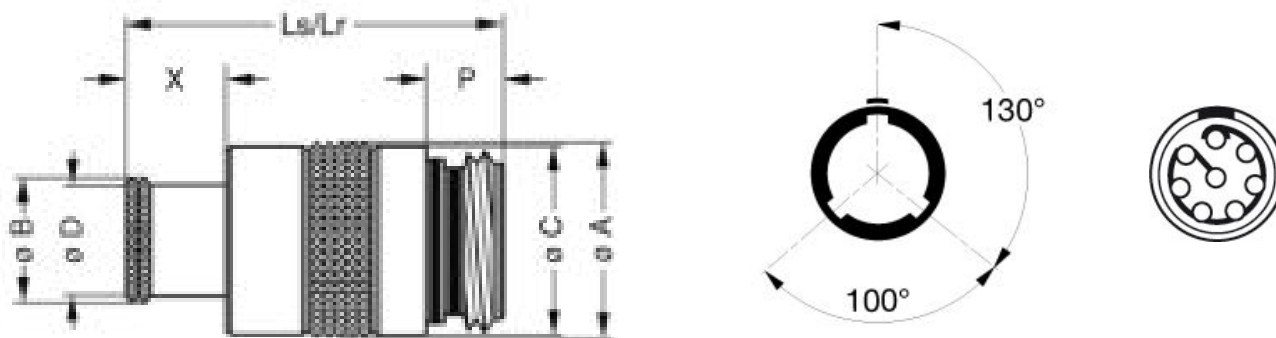
Contact Retention: 22 N  
 Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Test voltage (kV rms) Contact-contact: 1.3  
 Test voltage (kV rms) Contact-shell: 1.1

## 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	B	C	D	Lr	Ls	P	X
mm.	14.6	10.5	14.2	9.7	25.6	25.6	5.3	6.7
in.	0,57	0,41	0,56	0,38	1,01	1,01	0,21	0,26

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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.91.070.3MVM

Extractor: DCF.93.070.4LT

Replacement contact: EGN.0M.655.ZZM

## Cables

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