

## SUMMARY

### # Wires

Low	8
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
Matching parts	PMN.2M.308.XLMT
Status	
Alternative part	



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FM*: Straight plug, key (N) or keys (P, R, S, T, U, V, W and X) with knurled 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	∅ 6.5 - 13 mm
Variant	

### Performance

Configuration	2M.308 : 8 Low Voltage
Insulator	
Rated Current	10 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)

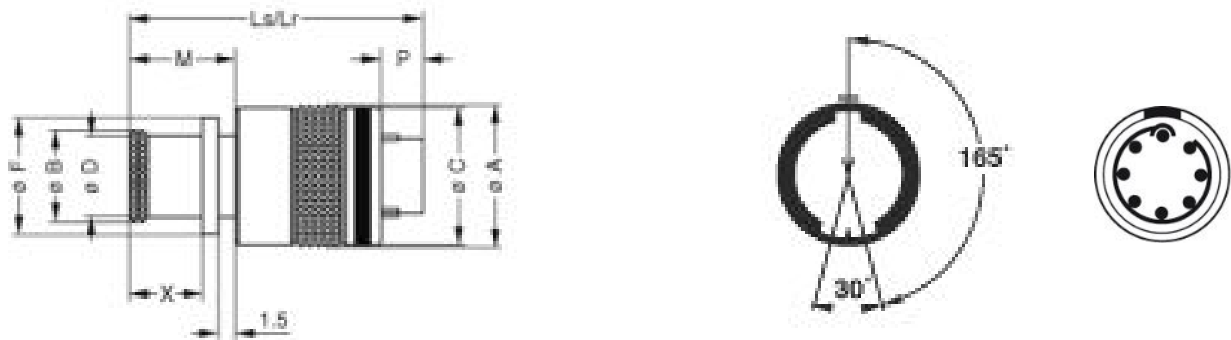
Bucket Dia.: 1.1 mm (0.043in)  
 Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
 Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 4.8 mOhm  
 Test voltage (kV rms) Contact-contact: 1.95  
 Test voltage (kV rms) Contact-shell: 1.1

## 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	F	Lr	Ls	M	P	X
mm.	17.6	14	17.2	13	15.5	27.5	27.5	10.1	3.9	7.1
in.	0,69	0,55	0,68	0,51	0,61	1,08	1,08	0,40	0,15	0,28






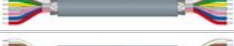
## RECOMMENDED BY LEMO

### 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

CMN.08.T20.067PGCE	PVC	GREY	
CMN.08.T20.067PGZE		Grey	
CMN.08.T20.067PNCE	PVC	Black	
CMN.08.T20.067PNZE			
108 220	PVC	Black	
208 200	PVC	Black	
380 500	PVC	Grey	
380 750	PVC	Grey	