

## SUMMARY



### # Wires

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

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Series	1M
Termination type	Female crimp
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMU.1M.308.XLC

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
Keying	
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅0 - 0 mm
Variant	

### Performance

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

### Specifications

Contact Type: Crimp
Max. Matings: 5000
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):  $\leq 95\%$  [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Operating temperature:  $-55^{\circ}\text{C} / +200^{\circ}\text{C}$   
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

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## DRAWINGS

### Draws



### Dimensions

	C	D	E	LS	LS	P	S1	S2	e
mm.	14.2	6.8	4.5	18.3	18.3	5.3	9.5	13	M11x1.0
in.	0,56	0,27	0,18	0,72	0,72	0,21	0,37	0,51	















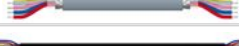

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## RECOMMENDED BY LEMO

### 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

CMN.08.T22.059PGCE	PVC	GREY	
CMN.08.T22.059PGZE		Grey	
CMN.08.T22.059PNCE	PVC	Black	
CMN.08.T22.059PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
008 050	PVC	Black	
008 280	PVC	Black	
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
108 220	PVC	Black	
108 240	PTFE	White	
108 260	PTFE	White	
180 240	PVC	Black	
180 260	PVC	Black	
280 250	PVC	Grey	
335 990	PVC	Black	
335 991	PVC	Black	