

SUMMARY

Wires

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

| | |
|------------------|----------------|
| Series | 1M |
| Termination type | Male crimp |
| IP rating | 68 |
| Cable Ø | 4.85 - 9.70 mm |
| Matching parts | EGN.1M.308.XLM |



Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug with arctic grip |
| 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 | ∅ 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: 5000 |
| Contact Retention: 22 N |
| Contact Dia.: 0.7 mm (0.028in) |
| Bucket Dia.: 0.8 mm (0.031in) |
| Min. Conductor: 0.14 mm ² (AWG 26) |
| Max. Conductor: 0.34 mm ² (AWG 22) |

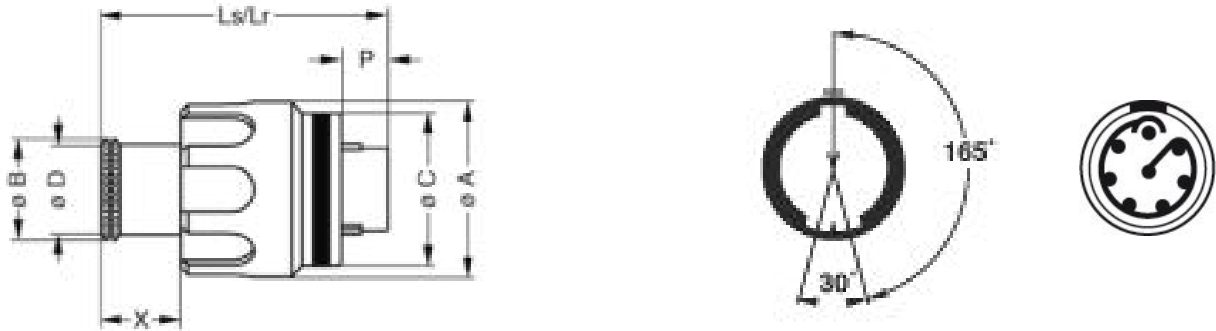
R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.3
 Test voltage (kV rms) Contact-shell: 1.1

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. | 15.9 | 10.5 | 14.2 | 9.7 | 24.1 | 24.1 | 3.9 | 6.7 |
| in. | 0,63 | 0,41 | 0,56 | 0,38 | 0,95 | 0,95 | 0,15 | 0,26 |

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
 Crimp settings: AWG/Selector = 22-24-26/6-5-5
 Positionner: DCE.91.070.5MVC
 Extractor: DCF.93.070.4LT
 Replacement contact: FGN.0M.555.ZZC

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 |  |
| 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 |  |