

SUMMARY

Wires

| | |
|---------|----|
| Low | 19 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

Download

[Request a quote](#)

[Catalog](#)

| | |
|------------------|-----------------|
| Series | 2F |
| Termination type | Male crimp |
| IP rating | 67 |
| Cable Ø | 5.30 - 14.00 mm |
| Matching parts | EGN.2F.319.XLM |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug |
| 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 | ∅ 5.3 - 14 mm |
| Variant | |
| Weight | 13.15 g |

Performance

| | |
|---------------|--|
| Configuration | 2F.319 : 19 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 5 Amps |

Specifications

| |
|---------------------|
| Contact Type: Crimp |
| Max. Matings: 5000 |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

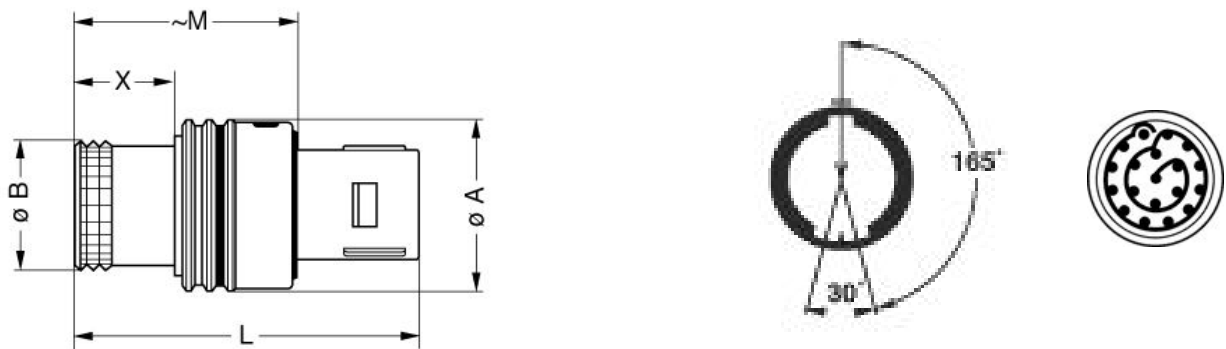
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1650 V (AC), 2350 V (DC)
Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -15°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 15/200/21 (Aluminium shell)
IP Rating: 67

DRAWINGS

Draws



Dimensions

| | A | B | L | M | X |
|-----|------|------|------|------|------|
| mm. | 17 | 14 | 27.8 | 17.9 | 8 |
| in. | 0,67 | 0,55 | 1,09 | 0,70 | 0,31 |






LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: DCE.91.070.BVC
Extractor: DCF.93.070.4LT
Replacement contact: FGG.0B.555.ZZC

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.19.T22.079QGZE | TPR (medical) | Grey |  |
| CMN.19.T22.080PGCE | PVC | GREY |  |
| CMN.19.T22.080PGZE | | Grey |  |
| CMN.19.T22.080PNCE | PVC | Black |  |
| CMN.19.T22.080PNZE | | |  |

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.