

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|----|
| Low | 10 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Alternative part | |
| Matching parts | PAC.M1.0GL.AC39J |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PL*: Fixed receptacle, nut fixing |
| Keying | 2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts) |
| Housing Material | PSU (Polysulfone), grey |
| Variant | J : Yellow front nut |
| Weight | 5.30 g |

Performance

| | |
|---------------|--|
| Configuration | 1P.M10 : 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 3 Amps |

Specifications

| |
|---|
| Contact Type: Solder |
| Contact Dia.: 0.5 mm (0.0201in) |
| Bucket Dia.: 0.45 mm (0.018in) |
| Max. Solid Conductor: 0.09 mm ² (AWG 28) |

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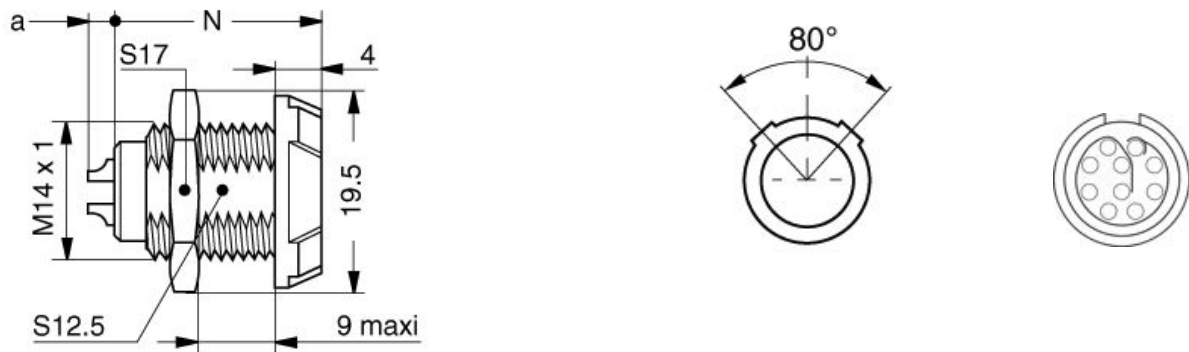
Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.5 mOhm
 Test voltage (kV rms) Contact-contact: 0.85
 Air clearance min. (mm) or Creepage distance min. (mm): 0.45

Others

Endurance (Shell): >2000 mating cycles
 F ret (min): 50 N
 F ret (max): 150 N
 Steam sterilization: > 100 times (with potting on rear connection)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | L | N |
|-----|------|------|------|
| mm. | 19.5 | 25 | 20.5 |
| in. | 0,77 | 0,98 | 0,81 |

RECOMMENDED BY LEMO

Tools

None

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Cables

| | | | |
|-------------------|--|--|--|
| CMN.10.T22.068QGC | | | |
|-------------------|--|--|--|

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