

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 10

| | |
|------------------|----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 28.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | PAG.M1.0TL.AC39N |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PK*: Fixed receptacle with two nuts (back panel mounting) |
| Keying | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material | PEI (Polyetherimide), gray |
| Variant | N : Black front nut |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M10 : 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| 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) |
| Max. Stranded Conductor: | 0.09 mm ² (AWG 28) |
| R (max): | 8.5 mOhm |
| Test voltage (kV rms) Contact-contact: | 0.85 |
| Air clearance min.: | 0.45 mm |
| Creepage distance min.: | 0.45 mm |

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Others

Endurance (Shell): >2000 mating cycles

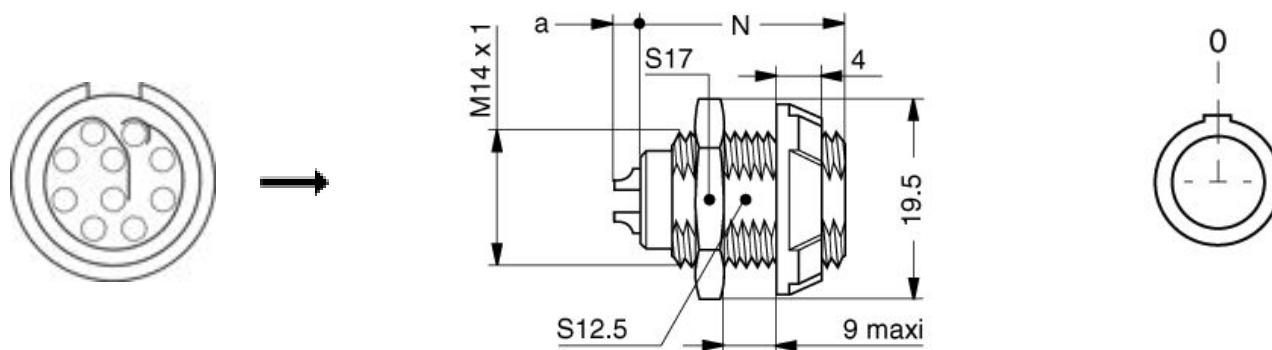
Temp (min / max): -50°C / +170°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

| | A | N | a |
|-----|------|---------------|-------|
| mm. | 19.5 | 20.5- 22.2 | 0-4.5 |
| in. | 0,77 | 0,81 | 0,00 |

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Tools

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