

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 1P |
| Termination type | Female solder |
| IP rating | 64 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 1.70 - 6.50 mm |
| Status | active |
| Matching parts | PFG.M0.2GL.AC39AZ |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PN*: Fixed receptacle, nut fixing, watertight |
| Keying | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material | PSU (Polysulfone), gray |
| Variant | A : Blue front nut |
| Weight | 5.22 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M02 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps |

Specifications

| | |
|--|------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 1.3 mm (0.0512in) |
| Bucket Dia.: | 1.1 mm (0.04in) |
| Max. Solid Conductor: | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor: | 0.5 mm ² (AWG 20) |
| R (max): | 3.5 mOhm |
| Test voltage (kV rms) Contact-contact: | 1.2 |

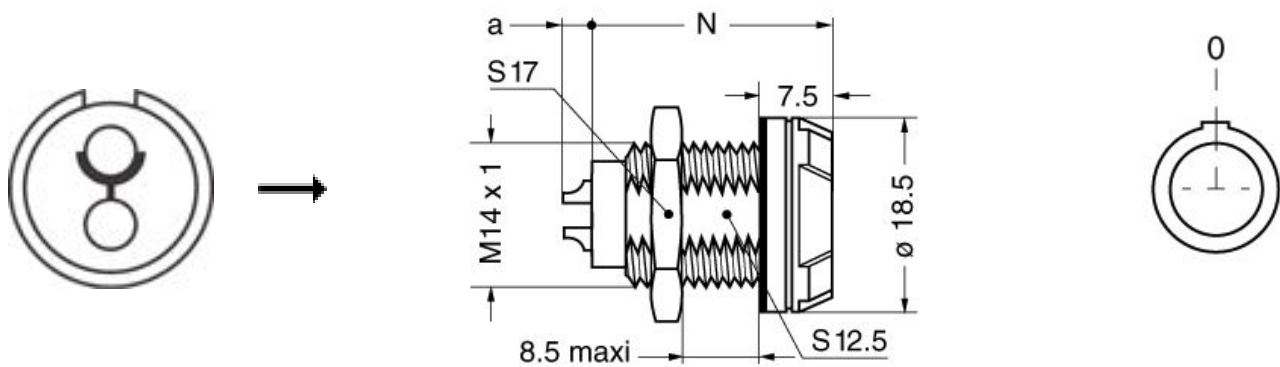
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Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 mm

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)

DRAWINGS



Dimensions





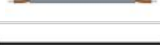



























| | N | a |
|-----|------|---------|
| mm. | 23.3 | 2.5-4.5 |
| in. | 0,92 | 0,10 |

RECOMMENDED BY LEMO

Tools

Cables

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| | | | |
|--------------------|---------------|--------|---|
| CMN.02.T20.047PGZE | | Grey |  |
| CMN.02.T20.047PNZE | | |  |
| CMN.02.T20.048QGZE | TPR (medical) | Grey |  |
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | Grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 102080 | PVC | Grey | |
| 120184 | PVC | Black |  |
| 120240 | PVC | Black |  |
| 120250 | PVC | Grey |  |
| 120500 | PVC | Grey |  |
| 120501 | PVC | Grey |  |
| 120751 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20140 | PVC | Grey |  |
| 20141 | PVC | Grey |  |
| 20142 | PVC | Red |  |
| 20143 | PVC | Green |  |
| 20144 | PVC | Black |  |
| 20145 | PVC | Yellow |  |
| 20146 | PVC | Black |  |
| 20240 | PTFE | White |  |
| 20260 | PVC | Black |  |
| 20264 | PVC | Black |  |
| 20266 | PVC | Violet |  |
| 2050 | PVC | Black |  |
| 20550 | PUR | Black |  |
| 20560 | PUR | White |  |
| 2080 | PVC | Grey | |
| 220750 | PVC | Grey |  |
| 2221 | PVC | Black |  |
| 2260 | PTFE | White |  |
| 2280 | PVC | Black |  |
| 4082 | PVC | Grey | |
| CCX.50.RG1.74U30B | TFE | White | |
| CMB.02.210.635 | PUR | Black | |

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