# FFA.1S.304.CLAC52



## Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 30 - 22 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 4.20 - 5.20 mm |
| Size | 1S |
| Matching parts | ERA.1S.304.CLL |
| Series | S - Indoor Stepped Insert |

## Technical details

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffa-1s-304-clac52.html
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## Electrical Configuration

| | |
|---|---|
| Contact Termination Low voltage | Solder |
| R (max) | 4.8 mOhm |
| Insert configuration value | 1S.304 - 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 Amps |
| Vtest | 1200 V (AC), 1800 V (DC) |
| Contact Type | Solder |
| Max. Solid Conductor | 0.34 mm^2 (AWG 22) |
| Air clearance | 1.1 mm |
| Creepage distance | 1.1 mm |
| Bucket Dia. | 0.8 mm (0.031in) |
| Contact Dia. | 0.9 mm (0.0354in) |
| Number of contacts Low Voltage | 4 |
| Wire Size/AWG | 30 - 22 |

## Form & Material

| | |
|---|---|
| Shell style / Model id | FFA - Straight plug, cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | Hermaphroditic keying (half moon insert) with male pin 1 |
| Weight | 17.35 g |


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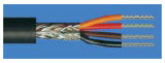
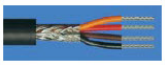
| Environment | |
|---|---|
| Technical domain | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50 |
| Temperature range | -55°C / +250°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| Shock Resistance | 100 g [ 6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |
| **Cable fixation** | |
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 4.20 - 5.20 mm |

# Recommended By Lemo

| Accessories | |
|---|---|
| **Tools** | |
| Spanner wrench | DCD.1S.ZZZ.PA085 |


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# Cables

| Cable PartNumber | Material | Colour | Cable image |
|---|---|---|---|
| CMN.04.T22.047QGC | TPR | Grey | |
| CMN.04.T22.048QGZE | TPR (medical) | Grey |  |
| 140240 | PVC | Black |  |
| 140250 | PVC | Grey |  |
| 40260 | PVC | Black |  |
| 4080 | PVC | Grey | |
| 4221 | PVC | Black |  |
| 4280 | PVC | Black |  |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |


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