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Summary

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| | |
|------------------------------------|--------------------------------|
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 18 - 10 |
| Gender | Standard |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 10.10 - 11.00 mm |
| Size | 3N |
| Suggested matching part | EDG.3N.302.TLL |
| Series | N - Nuclear Stainless Steel |

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fzg-3n-302-tlay11.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|----------------------------|
| Contact Termination Low voltage | Solder |
| R (max) | 3.1 mOhm |
| Insert configuration value | 3N.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 35 A |
| Contact Type | Solder |
| Max. Solid Conductor | 4 mm ² (AWG 10) |
| Max. Stranded Conductor | 4 mm ² (AWG 12) |
| Bucket Dia. | 2.7 mm (0.106in) |
| Contact Dia. | 3 mm (0.118in) |
| Number of contacts Low Voltage | 2 |
| Wire Size/AWG | 18 - 10 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FZG - Straight plug with positioning pin, cable clamp and smooth handling surface |
| Plug | Straight |
| Housing material | Stainless steel shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Push-Pull latch for manipulator. Male contacts |
| Colour | Grey |
| Weight | 202.3 g |

Environment

| | |
|-----------------------------------|--|
| Technical domain | Energy and Industrial, Specialties and Other |
| Environmental sealing (IP rating) | IP66 |

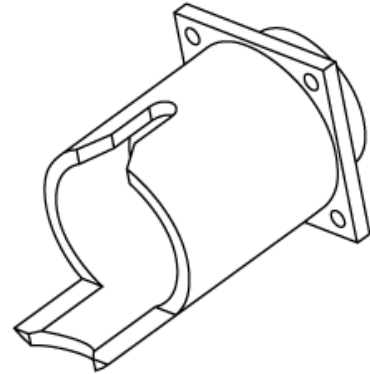
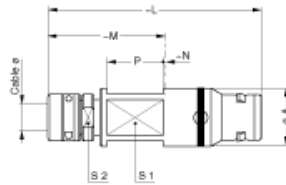
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 10.10 - 11.00 mm |

Drawings



Dimensions

| | A | L | M | N | P | S1 | S2 |
|-----|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 25 | 103 | 55 | 1 | 25 | 21 | 20 |
| in. | 0.98 | 4.06 | 2.17 | 0.04 | 0.98 | 0.83 | 0.79 |

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