



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|-----------------------------|
| Number of contacts Low Voltage | 20 |
| Wire Size/AWG | 18 - 14 |
| Gender | Reverse Gender |
| Plug | Plug - Elbow |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 24.60 - 25.50 mm |
| Size | 5N |
| Series | N - Nuclear Stainless Steel |

https://www.lemo.com/int_en/solutions/supreme/n-nuclear-stainless-steel/fmg-5n-320-tlmy25.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|------------------------------|
| Contact Termination Low voltage | Crimp |
| R (max) | 3.5 mOhm |
| Insert configuration value | 5N.320 - 20 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 A |
| Contact retention | 50 N |
| Contact Type | Crimp |
| Max. Conductor | 1.5 mm ² (AWG 14) |
| Min. Conductor | 1 mm ² (AWG 18) |
| Bucket Dia. | 1.9 mm (0.075in) |
| Contact Dia. | 1.6 mm (0.063in) |
| Number of contacts Low Voltage | 20 |
| Wire Size/AWG | 18 - 14 |
| Gender | Reverse Gender |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | FMG - Elbow plug (120°) with positioning pin, cable clamp and rough handling surface |
| Plug | Elbow |
| 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. Female contacts |
| Colour | Grey |
| Weight | 1266.18 g |

Environment

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

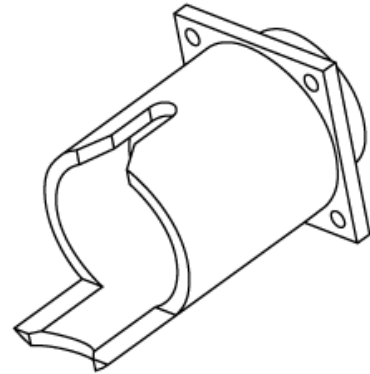
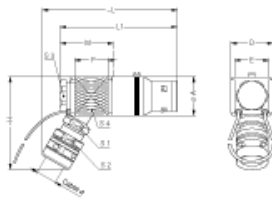
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Cable fixation

| | |
|------------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 24.60 - 25.50 mm |

Drawings



Dimensions

| | A | D | E | H | L | L1 | M | P | S1 | S2 | S3 | S4 |
|-----|----------|----------|----------|----------|----------|-----------|----------|----------|-----------|-----------|-----------|-----------|
| mm. | 45 | 48 | 42 | 116.9 | 154.5 | 129.6 | 66.3 | 23 | 36 | 40 | 38 | 42 |
| in. | 1.77 | 1.89 | 1.65 | 4.6 | 6.08 | 5.1 | 2.61 | 0.91 | 1.42 | 1.57 | 1.5 | 1.65 |

Recommended By Lemo

Accessories

Replacement contact [EGG.5B.670.ZZM](#)

Tools

Extraction tool [DCC.16.25B.LAG](#)

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