

Image for illustrative purpose only

Summary

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| | |
|--------------------------------|------------------------------------|
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 32 - 24 |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Size | 1L |
| Suggested matching part | FGL.1L.306.KLAC45Z |

https://www.lemo.com/int_en/phi-1l-306-klc45z.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------|
| Contact Termination Low voltage | Solder |
| Rated current | 7 A |
| Contact Type | Solder |
| Contact Dia. | 0.7 |
| Number of contacts Low Voltage | 6 |
| Wire Size/AWG | 32 - 24 |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | PH - Free socket, cable collet and nut for fitting a bend relief |
| Socket / Receptacle | Free |
| Housing material | Brass (black chrome) 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 female pin 1 |
| Variant | Nut for fitting a bend relief |
| Weight | 25.26 g |

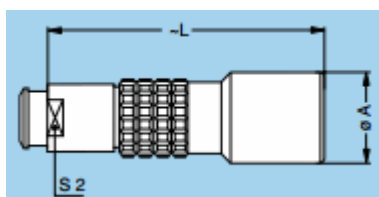
Environment

| | |
|-----------------------------------|----------------|
| Environmental sealing (IP rating) | IP66 |
| Temperature range | -55°C / +200°C |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------|--|
| Cable termination protection | Standard back nut (no additional protection) |
|------------------------------|--|

Drawings



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Dimensions

| | A | L | S2 |
|-----|----------|----------|-----------|
| mm. | 15 | 45 | 9 |
| in. | 0.59 | 1.77 | 0.35 |

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