



## Summary

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Low Voltage	2
Wire Size/AWG	30 - 22
Locking system	Push-pull
Size	0S
Matching parts	<a href="#">FFJ.0S.302.CLYE39</a>
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Insert configuration value	0S.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 Amps
Contact Dia.	0.9
Low Voltage	2
Wire Size/AWG	30 - 22

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/pcj-0s-302-clye39.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pcj-0s-302-clye39.html)

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## Form & Material

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	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	7.5 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental protection (IP rating)	IP50
Minimal temperature	-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)
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## Drawings



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