



## Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	26 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.30 - 3.70 mm
Size	0S
Matching parts	<a href="#">FFA.0S.302.CYBC37</a>
Series	S - Indoor Stepped Insert

## Technical details

### Electrical Configuration

Contact Termination Low voltage	Crimp
Insert configuration value	0S.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 Amps
Vtest	1100 V (AC), 1600 V (DC)
Contact Dia.	0.9
Number of contacts Low Voltage	2
Wire Size/AWG	26 - 22

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-0s-302-cypc37.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-0s-302-cypc37.html)

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## Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
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 female pin 1
Weight	9.48 g

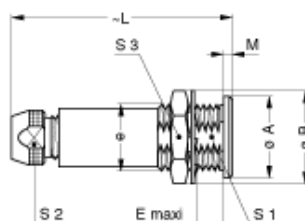
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
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]	3.30 - 3.70 mm

## Drawings



[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/psa-0s-302-cypc37.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-0s-302-cypc37.html)

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## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>C</b>
mm.	10	12.5	M9x0.6	7	33.5	1.2	8.2	6.5	11	4.2
in.	0.39	0.49		0.28	1.32	0.05	0.32	0.26	0.43	0.17

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