



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	2T
Suggested matching part	<a href="#">EGG.2T.302.CLL</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fgg-2t-302-clac85.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-302-clac85.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	T.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	25 A
Vtest (contact-contact)	2100 V (AC), 2970 V (DC)
Vtest (contact-shell)	1750 V (AC), 2500 V (DC)
Contact Type	Solder
Max. Solid Conductor	1.5 mm <sup>2</sup> (AWG 14)
Max. Stranded Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	29.35 g

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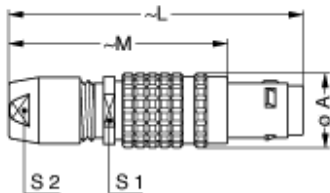
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
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]	8.10 - 8.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	15	55	43	14	12
in.	0.59	2.17	1.69	0.55	0.47

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