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## Summary

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Nb of contacts Triax	1
Plug	Plug - Fixed
Locking system	Push-pull
Size	T7

[https://www.lemo.com/int\\_en/fcz-t7-675-cta06c.html](https://www.lemo.com/int_en/fcz-t7-675-cta06c.html)

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# Technical details

## Electrical Configuration

Nb of contacts Triax	1
Contact Termination Triax	Solder
Rated current	12 A
Contact Type	Solder

## Form & Material

Shell style / Model id	FCZ - Fixed plug, collet clamp, nut fixing
Plug	Fixed
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	Circular, male
Colour	Grey

## Environment

Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 20000 Hz]
Salt Spray Corrosion	>1000 hr

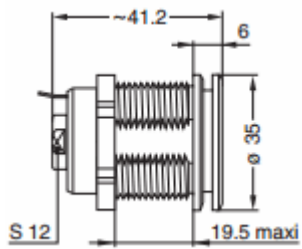
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

# Drawings

[https://www.lemo.com/int\\_en/fcz-t7-675-cta06c.html](https://www.lemo.com/int_en/fcz-t7-675-cta06c.html)

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## Dimensions

	<b>A</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>S2</b>	<b>e</b>
mm.	35	19.5	41.2	6	12	M28x1.0
in.	1.38	0.77	1.62	0.24	0.47	

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