



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	32
Wire Size/AWG	28 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.10 - 9.50 mm
Size	2T
Suggested matching part	<a href="#">EGG.2T.332.CLL</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fgg-2t-332-klak95z.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-332-klak95z.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	32
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	T.332 - 32 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.3 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	2 kV (DC)
Max. Solid Conductor	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor	0.09 mm <sup>2</sup> (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	28 - 28
Gender	Standard

## Form & Material

Shell style / Model id	FG - Straight plug with oversize cable collet and nut for fitting a bend relief
Plug	Straight
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Variant	Nut for fitting a bend relief

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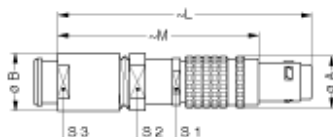
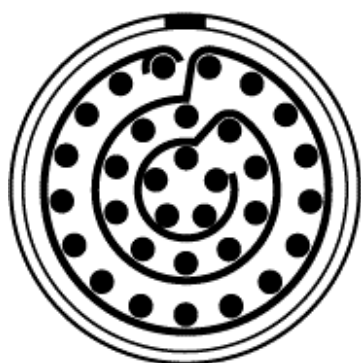
## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	9.10 - 9.50 mm

## Drawings



## Dimensions

	A	B	L	M	S1	S2	S3
mm.	15	16.5	67.4	55.3	14	15	15
in.	0.59	0.65	2.65	2.18	0.55	0.59	0.59

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# Recommended By Lemo

Accessories	
Compatible cap	<a href="#">BFG.2T.100.KAS</a>
Tools	
Spanner	<a href="#">DCP.2T.110.TN</a>