



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	22
Wire Size/AWG	26 - 22
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	12.10 - 12.80 mm
Size	3T
Suggested matching part	<a href="#">EGL.3T.322.KYC</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fgl-3t-322-kymk12.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgl-3t-322-kymk12.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	T.322 - 22 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	5.5 A
Vtest (contact-contact)	2.4 kV (DC)
Vtest (contact-shell)	2 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Reverse Gender

## Form & Material

Shell style / Model id	FG - Straight plug with oversize cable collet
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	L: 2 keys (gamma=70, plug: female contacts, receptacle: male contacts)
Colour	Black

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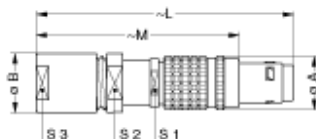
## Environment

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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	12.10 - 12.80 mm

## Drawings



## Dimensions

	A	B	L	M	S1	S2	S3
mm.	18.8	23	87.7	72.7	16	20	20
in.	0.74	0.91	3.45	2.86	0.63	0.79	0.79

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# Recommended By Lemo

Accessories	
Replacement contact	<a href="#">EGG.3B.655.ZZM</a>
Compatible cap	<a href="#">BFG.3T.100.KAS</a>
Tools	
Spanner	<a href="#">DCP.2T.110.TN</a>
Positionner	<a href="#">DCE.91.073.BVM</a>
Extraction tool	<a href="#">DCC.07.04B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>