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Summary

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Number of contacts Low Voltage	30
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	14.10 - 15.00 mm
Size	3T
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fga-3t-330-cyck15z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	30
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	T.330 - 30 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	3.5 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
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 (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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

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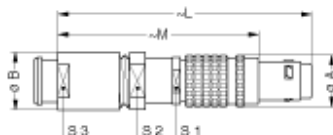
Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	14.10 - 15.00 mm

Drawings



Dimensions

	A	B	L	M	S1	S2	S3
mm.	18.8	23	83.7	68.7	16	20	20
in.	0.74	0.91	3.3	2.7	0.63	0.79	0.79

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Recommended By Lemo

Accessories	
Replacement contact	FGG.3B.555.ZZC
Compatible cap	BFG.3T.100.CAS
Tools	
Spanner	DCP.2T.110.TN
Positionner	DCE.91.073.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V