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Summary

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Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 5.50 mm
Size	2T
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fga-2t-312-cycc55.html

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Technical details

Electrical Configuration

R (max)	6.1 mOhm
Rated current	7 A
Vtest (contact-contact)	2.3 kV (DC)
Vtest (contact-shell)	2.9 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, 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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	33.59 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
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

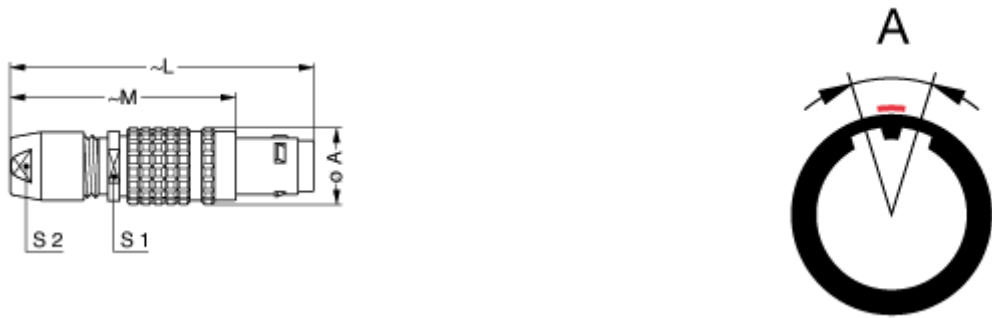
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.10 - 5.50 mm

Drawings



Dimensions

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

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.555.ZZC
Compatible cap	BFG.2T.100.CAS

Tools

Spanner	DCP.2T.110.TN
Positionner	DCE.91.072.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.12.T28.054PGZE		grey	
CMN.12.T28.054PNZE			
112260	PTFE	White	