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Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	16 - 12
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.60 - 10.00 mm
Size	3T
Suggested matching part	EGL.3T.304.CYC
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgl-3t-304-cymc10.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	T.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	17 A
Vtest (contact-contact)	3.4 kV (DC)
Vtest (contact-shell)	2.5 kV (DC)
Contact retention	65 N
Max. Conductor	2.5 mm ² (AWG 12)
Min. Conductor	1.5 mm ² (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	16 - 12
Gender	Reverse Gender

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	L: 2 keys (gamma=70, plug: female contacts, receptacle: male contacts)
Colour	Grey

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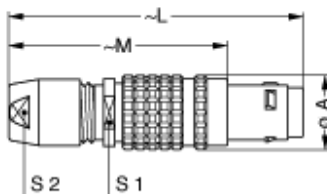
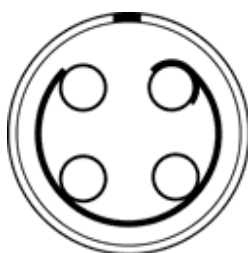
Environment

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]	9.60 - 10.00 mm

Drawings



Dimensions

	A	L	M	S1	S2
mm.	18.8	64	49	16	14
in.	0.74	2.52	1.93	0.63	0.55

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Recommended By Lemo

Accessories	
Replacement contact	EGG.3B.675.ZZM
Compatible cap	BFG.3T.100.CAS
Tools	
Spanner	DCP.2T.110.TN
Positionner	DCE.91.203.BVCM
Extraction tool	DCC.20.25B.LAG
Crimp tool	DPC.91.101.A