

Standard

*Image for illustrative purpose only*

## Summary

[Request a quote](#)[BKT series](#)

Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 5.50 mm
Size	2T
Suggested matching part	<a href="#">EGG.2T.305.CYM</a>
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

R (max)	3.6 mOhm
Footprint IPC Class3 compatibility	No
Rated current	14 A
Vtest (contact-contact)	3.1 kV (DC)
Vtest (contact-shell)	3.1 kV (DC)
Contact retention	40 N
Max. Conductor	1 mm <sup>2</sup> (AWG 18)
Min. Conductor	0.5 mm <sup>2</sup> (AWG 20)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	20 - 18
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	32.26 g

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fgg-2t-305-cycc55.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-2t-305-cycc55.html)

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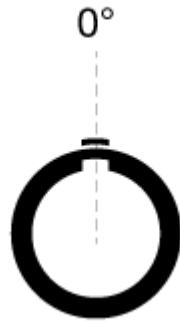
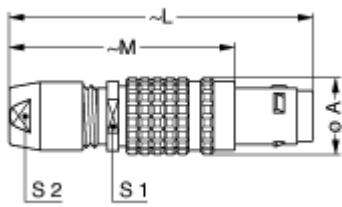
## Environment

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.)
Climatic 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]	5.10 - 5.50 mm

## Drawings



## Dimensions

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

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# Recommended By Lemo

## Accessories

Replacement contact	FGG.2B.565.ZZC
Compatible cap	BFG.2T.100.CAS

## Tools

Spanner	DCP.2T.110.TN
Positionner	DCE.91.132.BVC
Extraction tool	DCC.13.15B.LAG
Crimp tool	DCP.91.701.V

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
150250	PVC	Grey	

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