

Special



Image for illustrative purpose only

Summary

[Request a quote](#)

BKT series

Number of contacts Low Voltage	5
Wire Size/AWG	36 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.70 - 3.00 mm
Size	TT
Suggested matching part	EGG.TT.305.CLL
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/fgg-tt-305-clac31.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Test voltage contact-contact	1.1 kV DC
Test voltage contact-shell	1.4 kV DC
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016 in)
Contact Dia.	0.35 mm (0.014 in)
Wire Size/AWG	36 - 28
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	7.25 g

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/fgg-tt-305-clac31.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

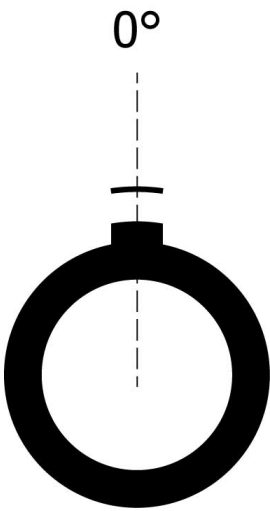
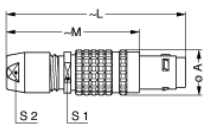
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
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]
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
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]	2.70 - 3.00 mm

Drawings



Dimensions

	A	L	M	S1	S2
mm.	7	33.2	25.2	5.5	5
in.	0.28	1.31	0.99	0.22	0.2

Recommended By Lemo

Caps

Compatible cap	BFG.TT.100.CAS
Soft Cap	BFZ.TT.100.SCN

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/fgg-tt-305-clac31.html

LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.