

Special

*Image for illustrative purpose only*

Summary

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

Number of contacts Low Voltage	4
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.70 - 3.00 mm
Size	TT
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fgg-tt-304-cycc31h.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	T.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	2.5 A
Vtest (contact-contact)	1.5 kV (DC)
Vtest (contact-shell)	1.5 kV (DC)
Contact retention	12 N
Max. Conductor	0.09 mm ² (AWG 28)
Min. Conductor	0.035 mm ² (AWG 32)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
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
Variant	Viton O-Ring
Weight	8.92 g

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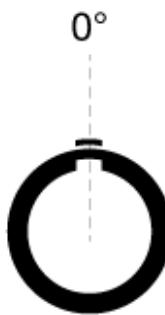
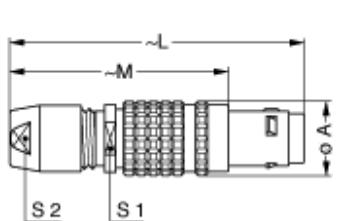
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-20°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]	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

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Recommended By Lemo

Accessories

Compatible cap	BFG.TT.100.CAS
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Tools

Positionner	DCE.91.050.0VC
Extraction tool	DCC.05.02B.LAG

CAD

Documents

Eplan	Download
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Cables

Cable PartNumber	Material	Colour	Cable image
4041	PVC	Grey	
4050	PVC	Black	

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