

Special



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## Summary

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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](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 <sup>2</sup> (AWG 28)
Min. Conductor	0.035 mm <sup>2</sup> (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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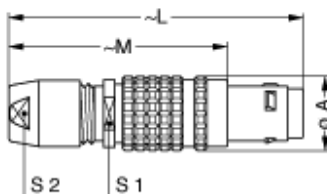
## Environment

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	<a href="#">BFG.TT.100.CAS</a>
Tools	
Positionner	<a href="#">DCE.91.050.0VC</a>
Extraction tool	<a href="#">DCC.05.02B.LAG</a>

## CAD

Documents	
Eplan	<a href="#">Download</a>

## Cables

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