

Special



*Image for illustrative purpose only*

## Summary

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**BKT series**

Number of contacts Low Voltage	4
Wire Size/AWG	26 - 22
Gender	Reverse Gender
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	0T
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/fsl-0t-304-cymk65.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fsl-0t-304-cymk65.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	T.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.6 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Reverse Gender

## Form & Material

Shell style / Model id	FS - Adjustable right angle Anglissimo plug (8 selective positions) with cable collet
Plug	Elbow
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=80, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	13.57 g

## 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]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
Salt Spray Corrosion	>1000 hr
Note	Cable diameter is specific for Anglissimo to enable easy termination of connector

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm

## Drawings



## Dimensions

	<b>A</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	10	23	36	26	7	9.5
in.	0.39	0.91	1.42	1.02	0.28	0.37

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# Recommended By Lemo

## Accessories

Replacement contact	EGG.0B.655.ZZM
Compatible cap	BFG.0T.100.CAS

## Tools

Spanner 2	DCP.TT.FSG.TN
Positionner	DCE.91.070.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPG.91.701.V

# Cables

Cable PartNumber	Material	Colour	Cable image
417920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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