

Standard



*Image for illustrative purpose only*

## Summary

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BKT series

Number of contacts Low Voltage	4
Wire Size/AWG	32 - 28
Gender	Standard
Plug	Plug - Fixed
Locking system	Push-pull
Panel Drill Hole	M7
Size	00
Series	B - Indoor keyed

# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	0.304 - 4 Low Voltage
Rated current	2.5 A
Vtest (contact-contact)	1.5 kV (DC)
Vtest (contact-shell)	1.5 kV (DC)
Max. Conductor	0.035 mm <sup>2</sup> (AWG 32)
Min. Conductor	0.09 mm <sup>2</sup> (AWG 28)
Bucket Dia.	0.45 mm (0.02in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	32 - 28
Gender	Standard

## Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	4.07 g
Panel Drill Hole	M7

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fag-00-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-00-304-cyc.html)

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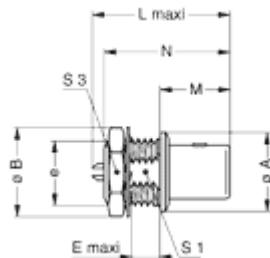
## Environment

Environmental sealing (IP rating)	IP50
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
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

## Drawings



## Dimensions

	<b>S3</b>	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>
mm.	9	8	10.3	M7x0.5	2.9	18.1	9	15.0	6.3
in.	0.35	0.31	0.41		0.11	0.71	0.35	0.59	0.25

## Recommended By Lemo

### Accessories

Replacement contact	<a href="#">FGG.00.554.ZZC</a>
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### Tools

Spanner	<a href="#">DCA.91.149.0TN</a>
Extraction tool	<a href="#">DCC.05.02B.LAG</a>
Crimp tool	<a href="#">DPC.91.701.V</a>

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/fag-00-304-cyc.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-00-304-cyc.html)

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# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
40080	PVC	Black	
40086	PVC	Blue	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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