

Standard



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Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	3
Wire Size/AWG	32 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Size	00
Suggested matching part	EGG.00.303.CYM PHG.00.303.CYMD35Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-00-303-cycd35.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	00.303 - 3 Low Voltage
Rated current	3.5 A
Test voltage contact-contact	2 kV DC
Test voltage contact-shell	1.7 kV DC
Max. Conductor	0.035 mm ² (AWG 32)
Min. Conductor	0.09 mm ² (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	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	4.47 g

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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
Jacket cable outside diameter [mm]	2.80 - 3.50 mm

Recommended By Lemo

Contacts

Replacement contact	FGG.00.554.ZZC
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Caps

Compatible cap	BFG.00.100.PCSG
Plastic Cap	BFG.00.100.PCSG
Soft Cap	BFZ.00.100.SCN

Tools

Positionner	DCE.91.050.0VC
Extraction tool	DCC.05.02B.LAG
Crimp tool	DPC.91.701.V

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
3050	PVC	Black	
3081	PVC	Black	

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