FGG.1B.731.CJAD62Z

Special



Image for illustrative purpose only

Summary

Request a quote

BKT series

Number of contacts Low Voltage	1
Number of contacts High Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	1B
Suggested matching part	EGG.1B.731.CJL PHG.1B.731.CJLD62Z
Series	B - Indoor keyed

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Technical details

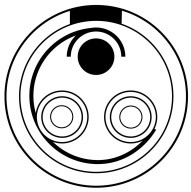
Electrical Configuration	
Number of contacts Low Voltage	1
Contact Termination Low voltage	Solder
Number of contacts High Voltage	2
Contact Termination High voltage	Solder
Insert configuration value	1B.731 - 2 High V. 1 Low V.
Insulator	J: PEEK/PEEK
Rated current	12 A
Test voltage HV Ue (kV rms)	5.3
Working voltage LV Us (kV rms)	0.4
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	28 - 20
Gender	Standard

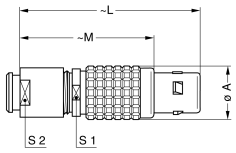
Form & Material	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief

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Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings







Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0.47	1.65	1.22	0.39	0.35

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Recommended By Lemo

Caps		
Compatible cap	BFG.1B.100.PCZG	
Plastic Cap	BFG.1B.100.PCZG	
Soft Cap	BFZ.1B.100.SCN	
Bend Reliefs		
GMA.1B.054.DG	GMA.1B.054.DA	GMA.1B.054.DB
GMA.1B.054.DJ	GMA.1B.054.DM	GMA.1B.054.DN
GMA.1B.054.DR	GMA.1B.054.DS	GMA.1B.054.DV
Tools		
Spanner	DCP.91.001.TN	
Spanner wrench	DCD.1B.ZZZ.PA090	

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