FGG.3K.310.CLAC85Z

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

Customer Drawing

Number of contacts Low Voltage	10
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	3K
Suggested matching part	EGG.3K.310.CLL
Series	K - Outdoor keyed

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	3K.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	12 A
Test voltage contact-contact	1.8 kV DC
Test voltage contact-shell	1.3 kV DC
Max. Solid Conductor	0.5 mm² (AWG 20)
Max. Stranded Conductor	0.5 mm² (AWG 20)
Bucket Dia.	1 mm (0.039 in)
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 adapter and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass 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
Weight	69.54 g

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Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 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]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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]	8.10 - 8.50 mm

Recommended By Lemo

Caps	
Compatible cap	BFG.3K.100.NAS
Cap 2	BFG.3K.100.CAS

Bend Reliefs		
GMA.3B.080.DG	GMA.3B.080.DA	GMA.3B.080.DB
GMA.3B.080.DJ	GMA.3B.080.DM	GMA.3B.080.DN
GMA.3B.080.DR	GMA.3B.080.DS	GMA.3B.080.DV

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