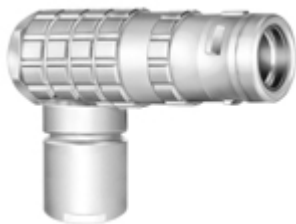


Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[BKT series](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.60 - 5.00 mm
Size	0K
Suggested matching part	EGG.0K.303.CLL
Alternative part	FPG.0K.303.CLAK50
Series	K - Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	0K.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Vtest (contact-contact)	1.7 kV (DC)
Vtest (contact-shell)	1.3 kV (DC)
Max. Solid Conductor	0.56 mm² (AWG 20)
Max. Stranded Conductor	0.56 mm² (AWG 20)
Bucket Dia.	1.0 mm (0.039in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	FH - Elbow plug, cable collet
Plug	Elbow
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	18 g

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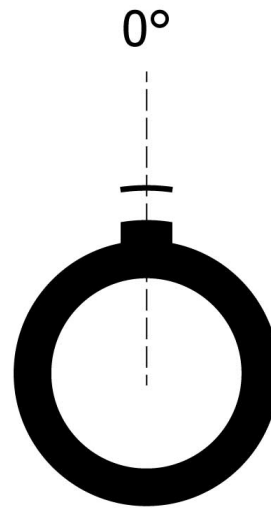
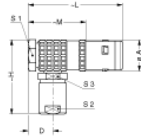
Environment

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	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.60 - 5.00 mm

Drawings



Dimensions

	D	A	H	L	M	S1	S2	S3
mm.	7.6	11.5	27	36	25	10	8	8
in.	0.3	0.45	1.06	1.42	0.98	0.39	0.31	0.31

Recommended By Lemo

Caps

Compatible cap	BFG.0K.100.NAS
Cap 2	BFG.0K.100.CAS

Cables

Cable PartNumber	Material	Colour	Cable image
130240	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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