

Special



*Image for illustrative purpose only*

## Summary

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**BKT series**

Number of contacts Low Voltage	8
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.60 - 6.00 mm
Size	1K
Suggested matching part	<a href="#">EGG.1K.308.CYM</a>
Series	K - Outdoor keyed

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max)	6.1 mOhm
Insert configuration value	1K.308 - 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	2 kV (DC)
Vtest (contact-shell)	1.9 kV (DC)
Contact retention	22 N
Max. Conductor	0.34 mm <sup>2</sup> (AWG 22)
Min. Conductor	0.14 mm <sup>2</sup> (AWG 26)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	26 - 22
Gender	Standard

## Form & Material

Shell style / Model id	FH - Elbow plug, cable collet and nut for fitting a bend relief
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
Variant	Nut for fitting a bend relief

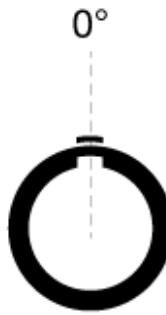
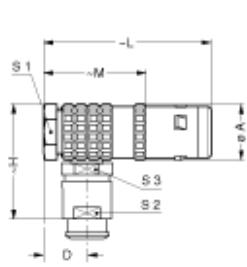
## Environment

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]	5.60 - 6.00 mm

## Drawings



## Dimensions

	<b>S3</b>	<b>A</b>	<b>D</b>	<b>L</b>	<b>M</b>	<b>S1</b>	<b>S2</b>
mm.	10	14	8.8	43	29	12	9
in.	0.39	0.55	0.35	1.69	1.14	0.47	0.35

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# Recommended By Lemo

## Accessories

Replacement contact	FGG.1B.555.ZZC
Compatible cap	BFG.1K.100.NAS

## Tools

Positionner	DCE.91.071.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.1E.ZZZ.PA090

# Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180260	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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