

Special



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Summary

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BKT series

Number of contacts Low Voltage	8
Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Snap-on
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	1T
Suggested matching part	EGG.1T.308.CYM
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/ffg-1t-308-cycc65z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	6.1 mOhm
Insert configuration value	1T.308 - 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	5 A
Test voltage contact-contact	2 kV DC
Test voltage contact-shell	1.9 kV DC
Contact retention	22 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	FF - Straight Plug, non latching, 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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	19.84 g

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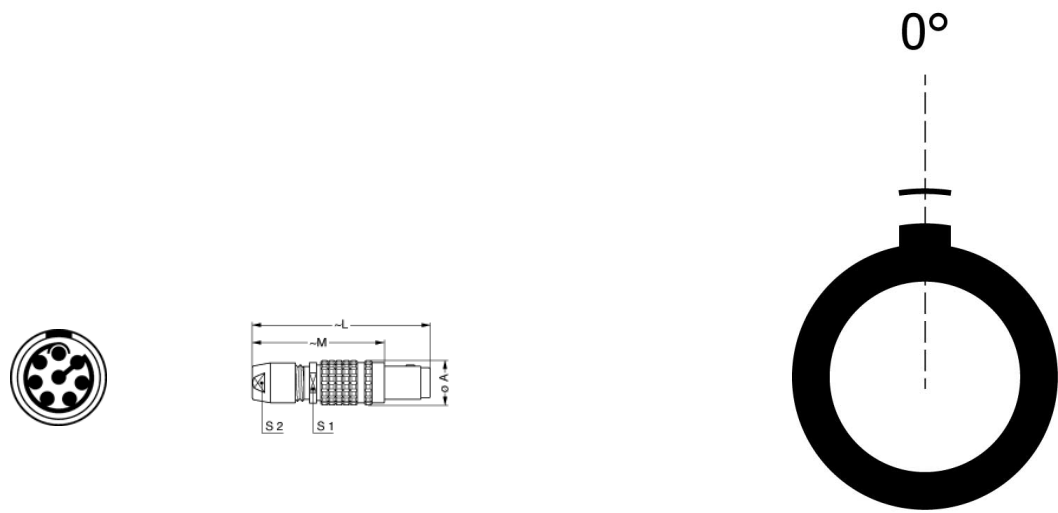
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 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]
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]	6.10 - 6.50 mm

Drawings



Dimensions

	A	L	M	S1	S2
mm.	12	46	35	10	9
in.	0.47	1.81	1.38	0.39	0.35

Recommended By Lemo

Contacts

Replacement contact [FGG.1B.555.ZZC](#)

Caps

Soft Cap [BFZ.1T.100.SCN](#)

Bend Reliefs

[GMA.1B.065.DG](#) [GMA.1B.065.DA](#) [GMA.1B.065.DB](#)

[GMA.1B.065.DJ](#) [GMA.1B.065.DM](#) [GMA.1B.065.DN](#)

[GMA.1B.065.DR](#) [GMA.1B.065.DS](#) [GMA.1B.065.DV](#)

Tools

Spanner [DCP.0T.110.TN](#)

Positionner [DCE.91.071.BVC](#)

Extraction tool [DCC.07.04B.LAG](#)

Crimp tool [DPC.91.701.V](#)

Cables

Cable PartNumber	Material	Colour	Cable image
180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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