

Standard

*Image for illustrative purpose only*

Summary

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BKT series

Number of contacts Low Voltage	9
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M9
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0T
Suggested matching part	FGG.0T.309.CLAC50Z
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/hgg-0t-309-cllp.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	9
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	T.309 - 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 A
Test voltage contact-contact	1.1 kV DC
Test voltage contact-shell	1.6 kV DC
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.09 mm ² (AWG 28)
Bucket Dia.	0.45 mm (0.018 in)
Contact Dia.	0.5 mm (0.0197 in)
Wire Size/AWG	34 - 28
Gender	Standard

Form & Material

Shell style / Model id	HG - Fixed socket, nut fixing, watertight or vacuumtight
Socket / Receptacle	Fixed Panel Front Mounted
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	Watertight unmated (connector to device)
Weight	4.77 g
Panel Drill Hole	M9

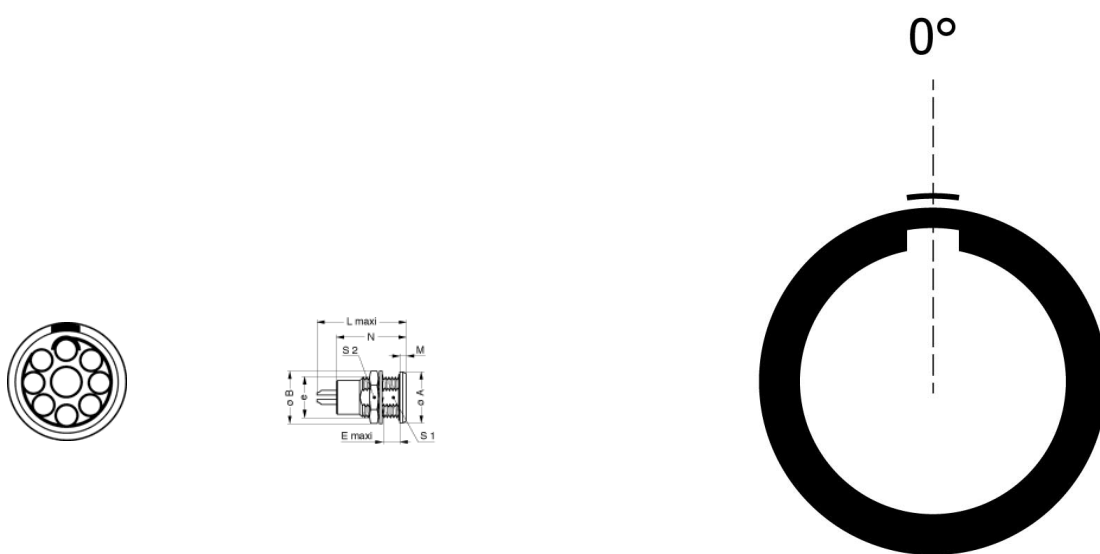
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Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-20°C / +80°C
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	
Jacket cable outside diameter [mm]	1.00 - 8.30 mm

Drawings



Dimensions

	A	B	e	E	L	M	N	S1	S2
mm.	12	12.5	M9x0.6	6.5	22	1.5	18.5	8.2	11
in.	0.47	0.49		0.26	0.87	0.06	0.73	0.32	0.43

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Recommended By Lemo

Caps	
Compatible cap	BRE.0T.200.CAZ
Soft Cap	BEZ.0B.200.SCN
Tools	
Spanner	DCA.91.161.1TN

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.09.T28.050CNQZ			
CMN.09.T28.051PGZE		grey	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	

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