

Special



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Summary

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BKT series

Number of contacts Low Voltage	14
Wire Size/AWG	32 - 28
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1T
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/eel-1t-314-cyc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	8.7 mOhm
Insert configuration value	T.314 - 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	2 A
Test voltage contact-contact	1.9 kV DC
Test voltage contact-shell	2.1 kV DC
Contact retention	12 N
Max. Conductor	0.09 mm ² (AWG 28)
Min. Conductor	0.035 mm ² (AWG 32)
Bucket Dia.	0.45 mm (0.018 in)
Contact Dia.	0.5 mm (0.0197 in)
Wire Size/AWG	32 - 28
Gender	Reverse Gender

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, back panel mounting
Socket / Receptacle	Fixed Panel Rear 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	L: 2 keys (gamma=80, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	7.26 g
Panel Drill Hole	M12

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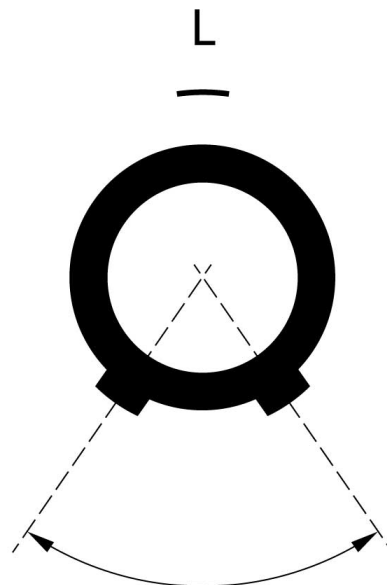
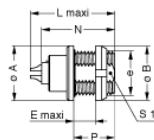
Environment

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

Jacket cable outside diameter [mm]	1.00 - 10.60 mm
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Drawings



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Dimensions

	A	B	e	E	L	N	S1	P
mm.	15.5	16	M12x1.0	6.5	23	18.9	10.5	10
in.	0.61	0.63		0.26	0.91	0.74	0.41	0.39

Recommended By Lemo

Contacts

Replacement contact [FGG.1B.554.ZZC](#)

Caps

Compatible cap [BRE.1T.200.CAZ](#)

Soft Cap [BEZ.1B.200.SCN](#)

Tools

Spanner 2 [DCM.65.141.AZ4](#)

Positionner [DCE.91.051.BVC](#)

Extraction tool [DCC.05.02B.LAG](#)

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

Spanner wrench [Socket for torque wrench DCM.1S.M12.4](#)

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.14.T28.056PGZE		grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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