

Standard



Image for illustrative purpose only

Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	4
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Jacket cable outside diameter [mm]	1.00 - 10.60 mm
Size	1T
Suggested matching part	FGG.1T.304.CYCC50Z FGG.1T.304.CYCK70Z
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/egg-1t-304-cym.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	T.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 A
Vtest (contact-contact)	2.4 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
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
Weight	7.54 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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Recommended By Lemo

Contacts

Replacement contact	EGG.1B.660.ZZM
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Caps

Compatible cap	BRE.1T.200.CAZ
Soft Cap	BEZ.1B.200.SCN










Tools

Spanner	DCA.91.201.4TN
Positionner	DCE.91.091.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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