

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)

BKT series

Number of contacts Low Voltage	5
Wire Size/AWG	20 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M15
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	2T
Suggested matching part	FGG.2T.305.CYCC65
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/eeg-2t-305-cym.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	14 A
Test voltage contact-contact	3.1 kV DC
Test voltage contact-shell	3.1 kV DC
Contact retention	40 N
Max. Conductor	1 mm ² (AWG 18)
Min. Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1.4 mm (0.055 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	20 - 18
Gender	Standard

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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	14.92 g
Panel Drill Hole	M15

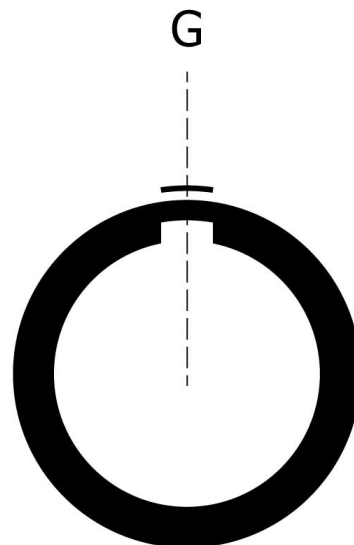
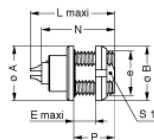
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Environment

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 - 12.60 mm

Drawings



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Dimensions

	A	B	e	E	L	N	S1	P
mm.	18.5	20	M15x1.0	7.5	26.5	24.6	13.5	11
in.	0.73	0.79		0.3	1.04	0.97	0.53	0.43

Recommended By Lemo

Contacts

Replacement contact [EGG.2B.665.ZZM](#)

Caps

Compatible cap [BRE.2T.200.CAZ](#)

Soft Cap [BEZ.2B.200.SCN](#)

Tools

Spanner 2 [DCM.65.176.AZ6](#)

Positionner [DCE.91.132.BVM](#)

Extraction tool [DCC.13.15B.LAG](#)

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

Spanner wrench [Socket for torque wrench DCM.2S.M15.6](#)

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T18.065PGZE		grey	
CMN.05.T18.065PNZE			
CMN.05.T20.057PGZE		grey	
CMN.05.T20.057PNZE			
CMN.05.T20.057QGZE	TPR (medical)	Grey	
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
250500	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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