

[Standard](#)

Image for illustrative purpose only

Summary

[Request a quote](#)[BKT series](#)[Customer Drawing](#)

Number of contacts Low Voltage	3
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M9
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0B
Suggested matching part	FGG.0B.303.CLAD52

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeg-0b-303-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	0B.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage contact-contact	1.7 kV DC
Test voltage contact-shell	1.3 kV DC
Max. Solid Conductor	0.56 mm ² (AWG 20)
Max. Stranded Conductor	0.56 mm ² (AWG 20)
Bucket Dia.	1 mm (0.039 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	28 - 20
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	5.04 g
Panel Drill Hole	M9

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Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
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

Recommended By Lemo

Caps

Compatible cap	BRE.0S.200.NAS
Cap 2	BRE.0S.200.NPSN
Plastic Cap	BRA.0B.200.PCSG
Soft Cap	BEZ.0B.200.SCN

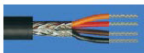
Tools

Spanner 2	DCM.65.106.AZ4
Spanner wrench	Socket for torque wrench DCM.0S.M09.4

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
130240	PVC	Black	
130250	PVC	Grey	
30110	PVC	Grey	
30141	PVC	Grey	
30260	PVC	Black	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3220	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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