

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)**BKT series**

Number of contacts Low Voltage	3
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M7
Size	00
Suggested matching part	FVB.00.303.NLA
Series	B - Indoor keyed

https://www.lemo.com/eu_en/solutions/originals/b-indoor-keyed/esb-00-303-nll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	00.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3.5 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Standard

Form & Material

Shell style / Model id	ES - Fixed receptacle with two round nuts, long threaded shell (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Locking system	Push-pull
Keying	B: 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	3.11 g
Panel Drill Hole	M7

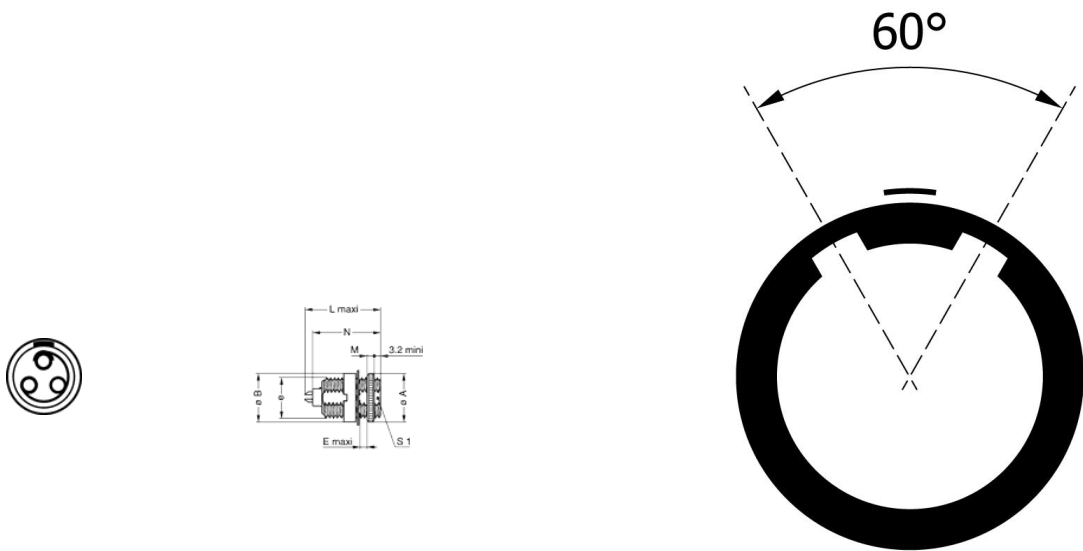
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Environment

Environmental sealing (IP rating)	IP50
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	>144 hr

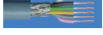
Drawings



Dimensions

	A	B	C	e	E	L	M	N
mm.	9	9	9.5	M7x0.5	3.2	15.5	2	13.7
in.	0.35	0.35	0.37		0.13	0.61	0.08	0.54

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			
30110	PVC	Grey	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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