

Special



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Summary

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BKT series

Number of contacts Low Voltage	10
Wire Size/AWG	24 - 16
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M25
Jacket cable outside diameter [mm]	10.60 - 12.00 mm
Size	4B
Suggested matching part	FGG.4B.310.CLAD12
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-4b-310-clld12.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.5 mOhm
Insert configuration value	4B.310 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Test voltage contact-contact	2.6 kV DC
Test voltage contact-shell	1.9 kV DC
Max. Solid Conductor	1 mm ² (AWG 16)
Max. Stranded Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.4 mm (0.055 in)
Contact Dia.	1.6 mm (0.063 in)
Wire Size/AWG	24 - 16
Gender	Standard

Form & Material

Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet
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	152.36 g
Panel Drill Hole	M25

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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

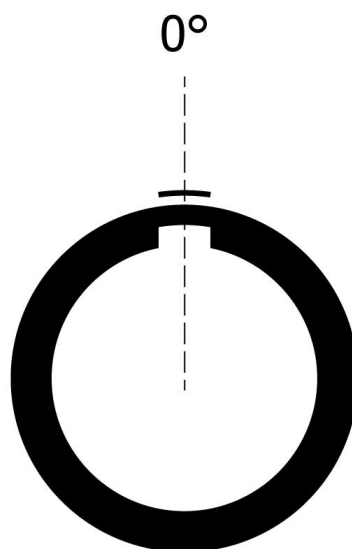
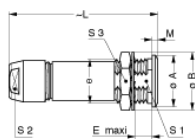
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	10.60 - 12.00 mm

Drawings

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Dimensions

	S2	S3	S1	A	B	e	E	L	M
mm.	20	30	23.5	28	34	M25x1.0	12	73	2.5
in.	0.79	1.18	0.93	1.1	1.34		0.47	2.87	0.1

Recommended By Lemo

Caps

Compatible cap	BRE.4S.200.NAS
Cap 2	BRE.4S.200.NAV

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