

Standard*Image for illustrative purpose only*

Summary

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

Number of contacts Low Voltage	18
Gender	Reverse Gender
Locking system	Push-pull
Panel Drill Hole	M20
Size	3B
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	18
R (max)	4.8 mOhm
Insert configuration value	3B.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Vtest (contact-contact)	1.7 kV (DC)
Vtest (contact-shell)	1.5 kV (DC)
Max. Solid Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.9 mm (0.04in)
Gender	Reverse Gender

Form & Material

Shell style / Model id	SLG.5K/P - Fixed coupler, nut fixing, keys (G, A, B, J, K, L) at the flange end and keys (G, A, B, J, K, L) at the other end, watertight or vacuum-tight
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	Front side: 1 key (alpha=0, female) , Other side: 2 keys (alpha=37.5, male)
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	82.79 g
Panel Drill Hole	M20

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	20/80/21
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]
Pressure	30 bars
R leak (He) (max)	10 ⁻⁷ mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

Recommended By Lemo

Accessories

Compatible cap	BRE.3S.200.NAS
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CAD

Documents

Eplan	Download
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https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/sgj-3b-318-cllpv.html

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