

SUMMARY

Wires

Low voltage	18
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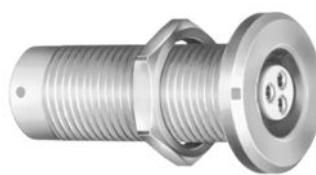


Image is for illustrative purpose only

Series	3B
Termination type	Coupler/adapter/bridge
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	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
Keying	Front side: 1 key (alpha=0, female) ; Other side: 2 keys (alpha=37.5, male)
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
Variant	PV : Watertight / Vacuum-tested
Weight	82.79 g

Performance

Configuration	3B.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.04in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)

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R (max): 4.8 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

Others

Endurance (Shell): 5000

Temp (min / max): -20 °C / +80 °C

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Climatical Category: 20/80/21

Shielding (min): 75 dB (10 MHz)

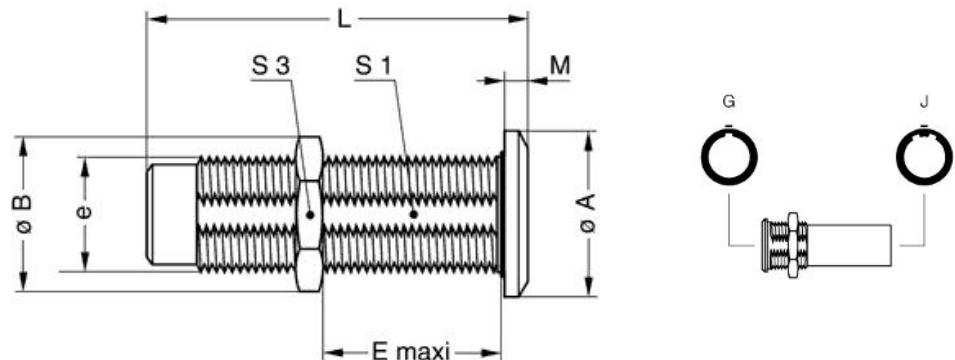
Shielding (min): 40 dB (1 GHz)

R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

Salt Spray Corrosion: >1000 hr

Pressure: 30 bars

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	25	27	30	53	4	18.5	24	M20x1.0
in.	0,98	1,06	1,18	2,09	0,16	0,73	0,94	

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Tools

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