

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	0B
Termination type	Coupler/adaptor/bridge
IP rating	68
AWG wire size	28.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SGJ*: 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 (gamma=45, male)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	PV : Watertight / Vacuum-tested
Weight	12.57 g

Performance

Configuration	0B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

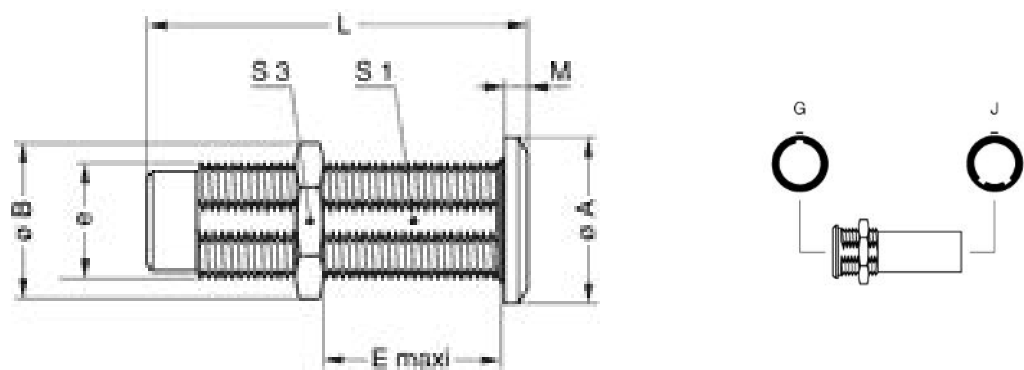
Others

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Endurance (Shell): 5000
Temp (min / max): -20°C / +100°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: 60 bars

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	13.8	17	34	2	9	12	M10x0.75
in.	0.55	0.54	0.67	1.34	0.08	0.35	0.47	

RECOMMENDED BY LEMO

Tools

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Cables

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