

SUMMARY

Wires

Low voltage 2

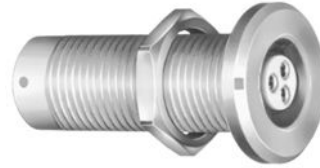


Image is for illustrative purpose only

Series 1B
Termination type Coupler/adaptor/bridge
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model SJG*: 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: 2 keys (gamma=45, male) ; Other side: 1 key (alpha=0, female)

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 19.22 g

Performance

Configuration 1B.302 : 2 Low Voltage

Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 15 Amps

Specifications

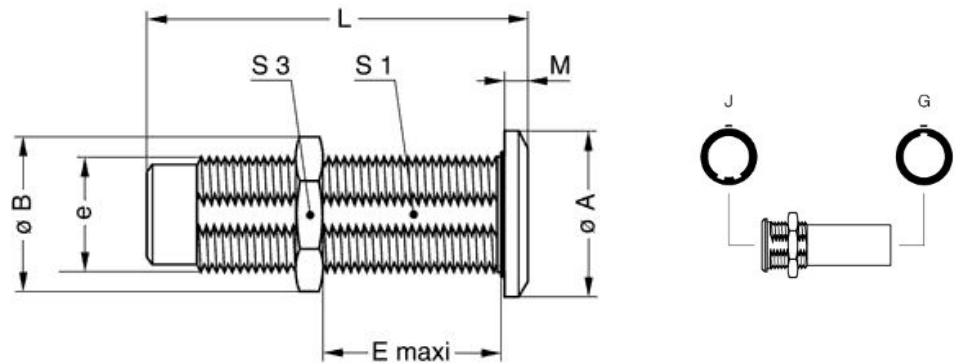
Contact Type: Solder
Contact Dia.: 1.3 mm (0.05in)
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

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



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	17	16	28	39	2.5	10.5	14	M12x1.0
in.	0,67	0,63	1,10	1,54	0,10	0,41	0,55	

RECOMMENDED BY LEMO

Tools

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.