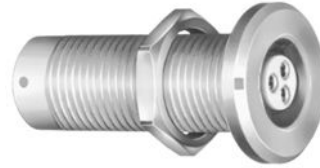


## SUMMARY

### # Wires

Low voltage 18



*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

### 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 (alpha=37.5, 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 82.41 g

### Performance

Configuration 3B.318 : 18 Low Voltage

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

Rated Current 7 Amps

### Specifications

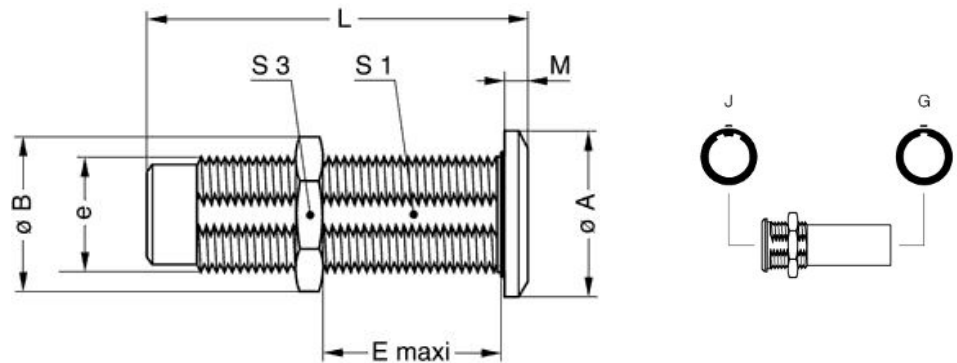
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.04in)  
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

*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 / +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	

## 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.

*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.*

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[LEMO:](#)

[SJG.3B.318.CLAPV](#)