

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 1B  
Termination type Male solder  
IP rating 50  
AWG wire size 34.00 - 28.00  
Cable Ø 4.30 - 5.20 mm  
Status active  
Matching parts [EGB.1B.314.CLL](#)

### Download

[Request a quote](#)  
[Catalog](#)  
[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
Keying 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)  
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 Z : Nut for fitting a bend relief

### Performance

Configuration 1B.314 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

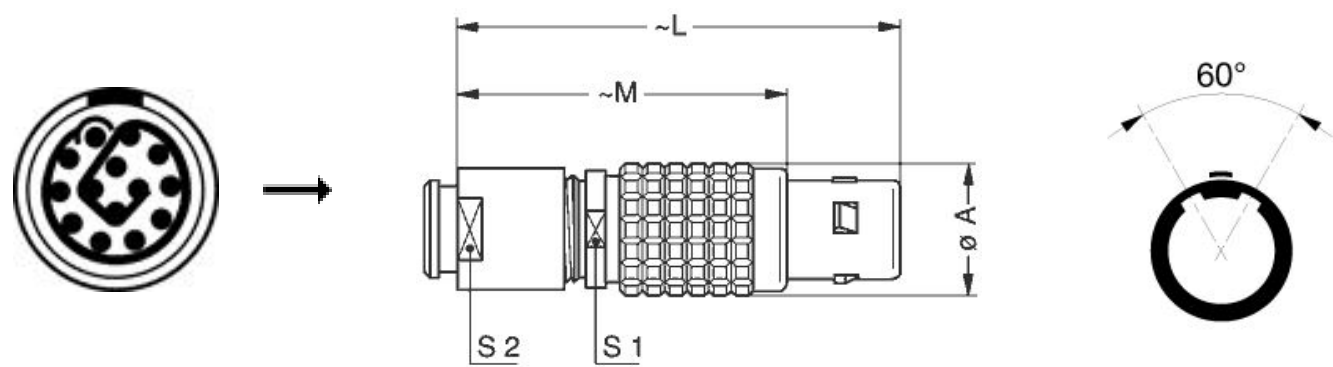
Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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Others

- Endurance (Shell): 5000
- Temp (min / max): -55° C / +250° 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: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1B.015.PA090](#)

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