

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 2B  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 4.30 - 5.20 mm  
Status Active  
Matching parts [EGG.2B.314.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FP\*: Elbow (90°) plug with cable collet for bend relief  
Keying 1 key (alpha=0, 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  
Weight 44.34 g

### Performance

Configuration 2B.314 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6.5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

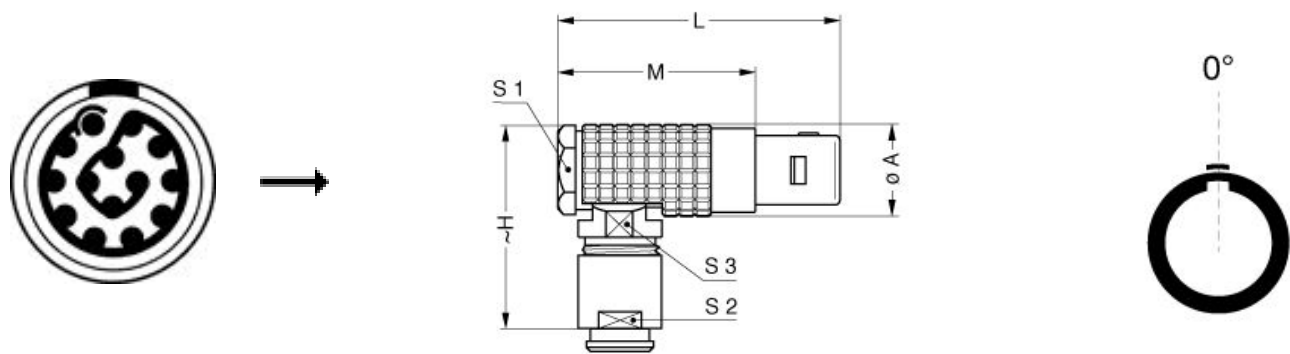
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Vtest (contact-shell): 1350 V (AC), 1910 V (DC)  
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

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	H	L	M	S1	S2	S3
mm.	15	33.6	41.5	29.5	13.5	12	13
in.	0,59	1,32	1,63	1,16	0,53	0,47	0,51

RECOMMENDED BY LEMO

Tools

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Spanner wrench:

[DCD.2B.ZZZ.PA120](#)

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