

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series 2B  
Termination type Male crimp  
IP rating 50  
AWG wire size 24.00 - 20.00  
Cable Ø 6.30 - 7.20 mm  
Status active  
Matching parts [EGG.2B.310.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

### Performance

Configuration 2B.310 : 10 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 8 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 30 N  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.1 mm (0.043in)  
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)

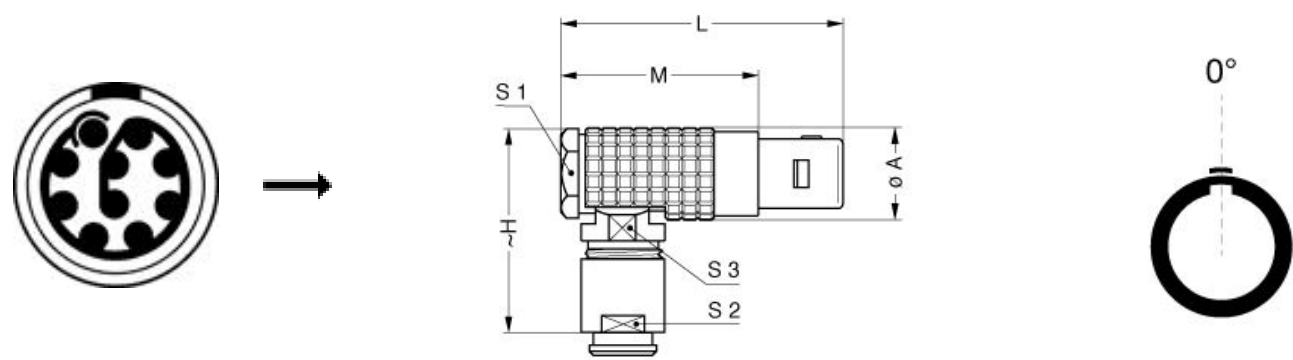
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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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Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.092.BVC](#)

Extractor: [DCF.91.090.2LT](#)

Replacement contact: FGG.2B.560.ZZC

Spanner wrench: [DCD.2B.025.PA120](#)

### Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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