

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 2B  
Termination type Male crimp  
IP rating 50  
AWG wire size 26.00 - 22.00  
Cable Ø 6.30 - 7.20 mm  
Status active  
Matching parts [EGG.2B.312.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a 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 30.63 g

### Performance

Configuration 2B.312 : 12 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 7 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 22 N  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)

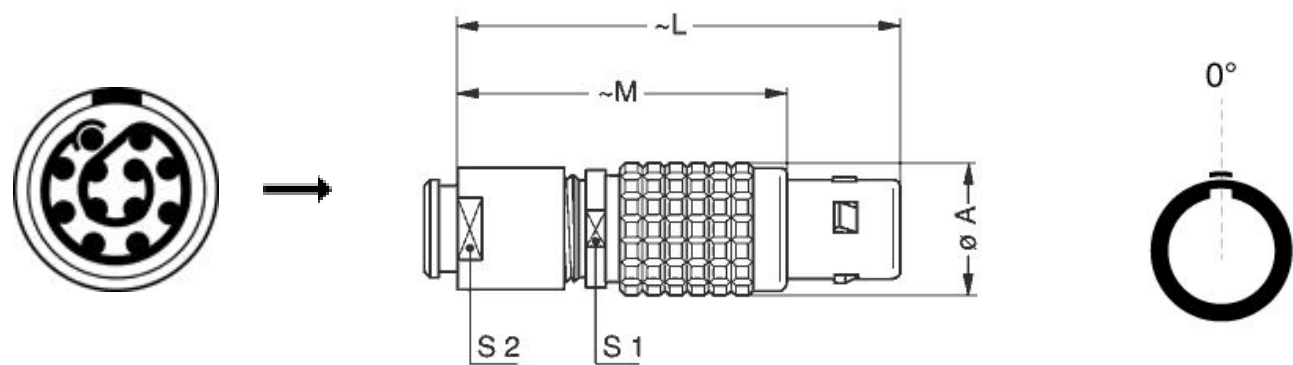
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R (max): 6.1 mOhm  
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)  
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

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	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47




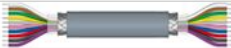

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Tools

- Crimp Tool:[DPC.91.701.V](#)
- Crimp settings:AWG/Selector = 22-24-26/6-5-5
- Positionner:[DCE.91.072.BVC](#)
- Extractor:[DCF.91.070.2LT](#)
- Replacement contact:FGG.2B.555.ZZC
- Spanner wrench:[DCD.2B.025.PA120](#)
- Caps:[BFG.2B.100.PCSG](#)

Cables

CMN.12.T22.070QGZE	TPR (medical)	Grey	
112240	PTFE	White	
124084	PVC	Black	
212240	PVC	Black	
212250	PVC	Grey	
212260	PVC	Black	

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