

## SUMMARY

### # Wires

Low voltage	7
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*Image is for illustrative purpose only*

Series	4B
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	<a href="#">EGG.4B.307.CLL</a>

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[Catalog](#)

[See video assembly instructions](#)

## 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	119.08 g

### Performance

Configuration	4B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	20 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	2 mm (0.079in)
Bucket Dia.:	1.8 mm (0.071in)
Max. Solid Conductor:	1.5 mm <sup>2</sup> (AWG 14)
Max. Stranded Conductor:	1.5 mm <sup>2</sup> (AWG 16)
R (max):	3.3 mOhm

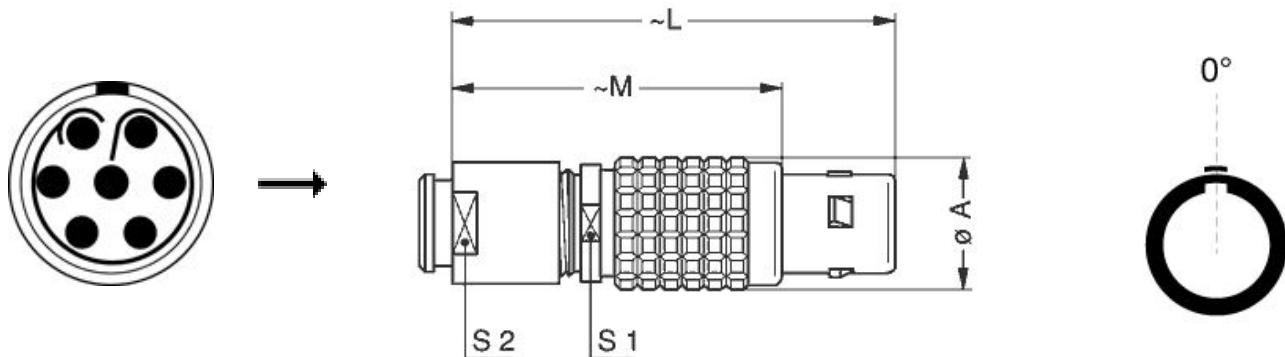
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Vtest (contact-shell): 1800 V (AC), 2550 V (DC)  
Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

## 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.	25	71	53	21	20
in.	0,98	2,80	2,09	0,83	0,79

## RECOMMENDED BY LEMO

### Tools

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Caps:

[BFG.4B.100.NAS](#)

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