

## SUMMARY

### # Wires

Low voltage	4
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*Image is for illustrative purpose only*

Series	4B
Termination type	Male crimp
IP rating	50
AWG wire size	14.00 - 10.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	<a href="#">EGA.4B.304.CLL</a>

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[Eplan](#)

[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=30, 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
Weight	119.69 g

### Performance

Configuration	4B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	30 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	75 N
Contact Dia.:	3 mm (0.118in)
Bucket Dia.:	2.9 mm (0.114in)
Min. Conductor:	2.5 mm <sup>2</sup> (AWG 14)
Max. Conductor:	4 mm <sup>2</sup> (AWG 10)
R (max):	3.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)

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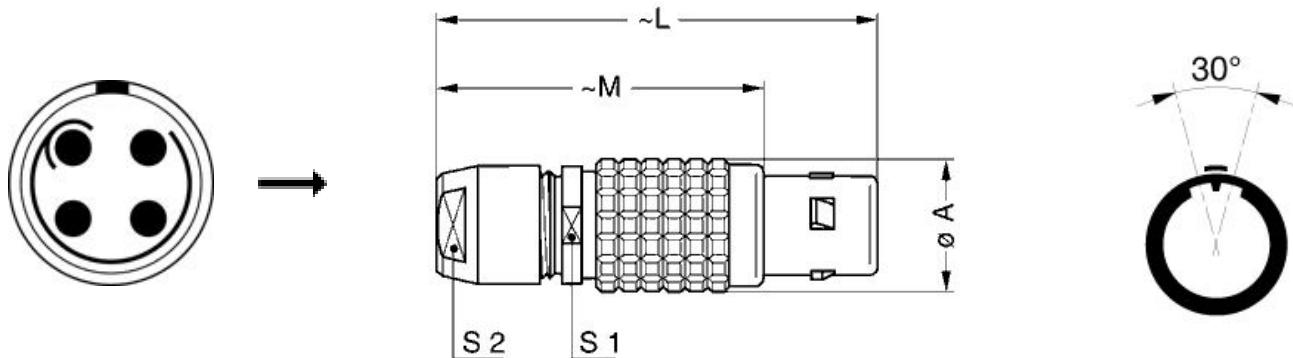
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

## 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

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## DRAWINGS



## Dimensions

	A	L	M	S1	S2
mm.	25	75	57	21	20
in.	0,98	2,95	2,24	0,83	0,79

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## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.102.V](#)  
Crimp settings: AWG/Selector = 10-12-14/3-1-1  
Positionner: [DCE.91.304.BVCM](#)  
Extractor: [DCF.91.303.5LT](#)  
Replacement contact: FGG.4B.580.ZZC

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