

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	4B
Termination type	Male crimp
IP rating	50
AWG wire size	14.00 - 10.00
Cable Ø	9.10 - 10.50 mm
Status	Active
Matching parts	<a href="#">EGA.4B.304.CLL</a> <a href="#">PHA.4B.304.CYMD10Z</a>

### Download

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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	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
Variant	Z : Nut for fitting a bend relief
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)

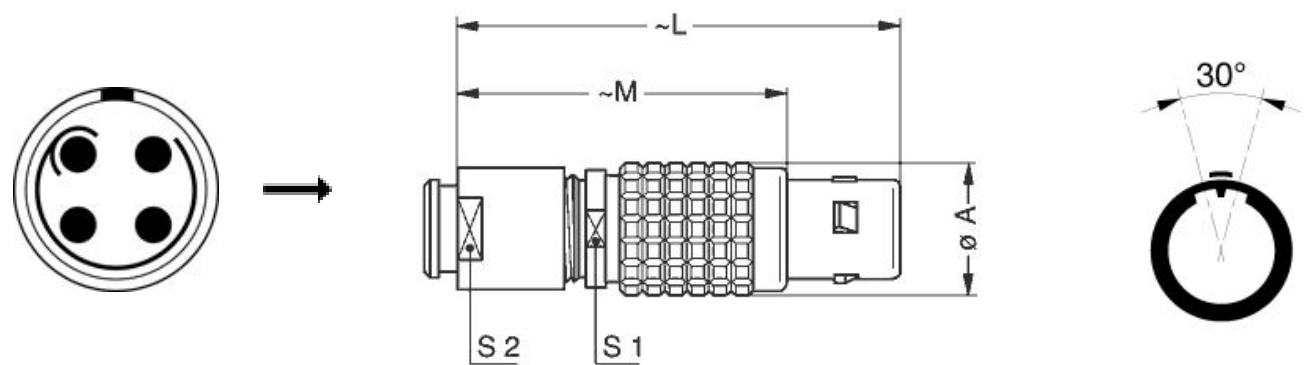
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R (max): 3.1 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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	L	M	S1	S2
mm.	25	71	53	21	20
in.	0,98	2,80	2,09	0,83	0,79

RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#">DPC.91.102.V</a>
Crimp settings:	AWG/Selector = 10-12-14/3-1-1
Positionner:	<a href="#">DCE.91.304.BVCM</a>
Extractor:	<a href="#">DCC.30.35B.LAG</a>
Replacement contact:	FGG.4B.580.ZZC

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