

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	2B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	2.20 - 3.20 mm
Status	obsolete
Alternative part	<a href="#">FGG.2B.304.CLAM32Z</a>
Matching parts	<a href="#">EGG.2B.304.CLL</a>

### Download

[Request a quote](#)

[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

### Performance

Configuration	2B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1850 V (AC), 2600 V (DC)
Vtest (contact-contact):	1850 V (AC), 2600 V (DC)

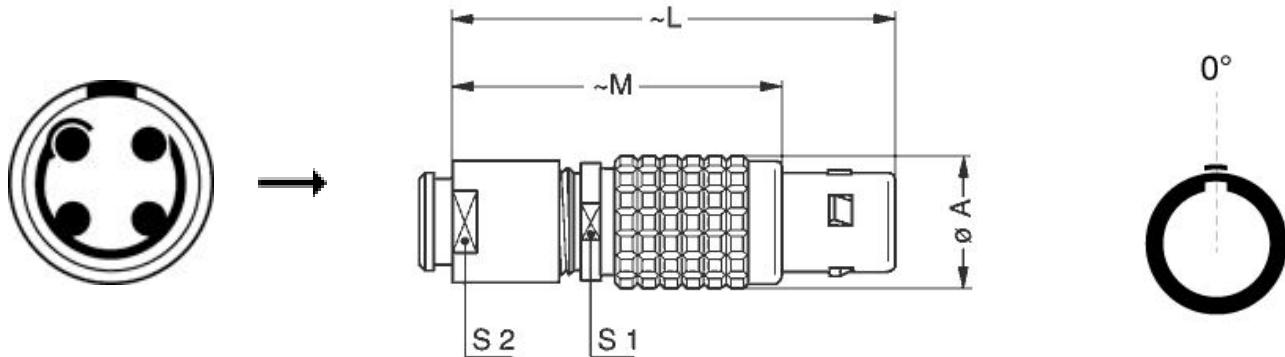
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## Others

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.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2B.025.PA120](#)  
Caps: [BFG.2B.100.PCSG](#)

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## Cables

CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
4041	PVC	Grey	
4050	PVC	Black	

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