

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series	2B
Termination type	Female crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	8.30 - 9.20 mm
Status	active
Matching parts	<a href="#">FGG.2B.312.CYCD92Z</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, 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	40.77 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)

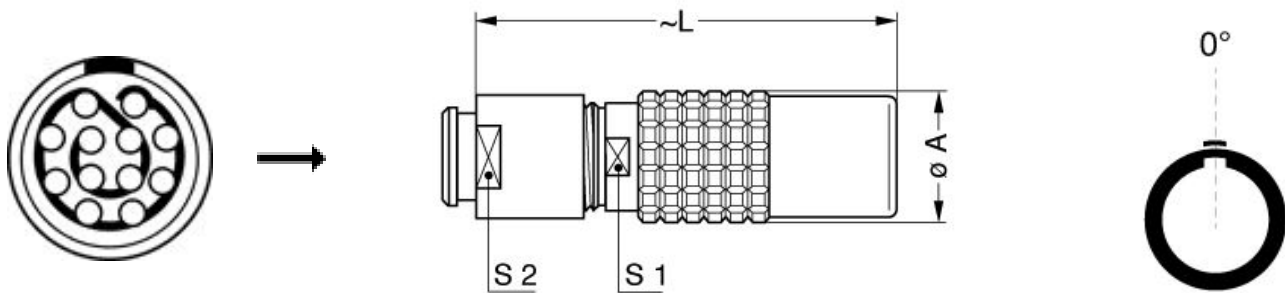
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R (max): 6.1 mOhm  
 Vtest (contact-shell): 2000 V (AC), 2850 V (DC)  
 Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

## 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	S1	S2
mm.	16.5	46	13	12
in.	0,65	1,81	0,51	0,47

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#">DCE.91.072.BVM</a>
Extractor:	<a href="#">DCF.91.070.2LT</a>
Replacement contact:	EGG.2B.655.ZZM
Spanner wrench:	<a href="#">DCD.2B.025.PA120</a>

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