

## SUMMARY

### # Wires



Low voltage	10
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*Image is for illustrative purpose only*

Series	4B
Termination type	Male crimp
IP rating	50
AWG wire size	18.00 - 14.00
Cable Ø	13.60 - 15.00 mm
Status	active
Matching parts	<a href="#">EGG.4B.310.CYM</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FF*: Straight plug, non-latching, 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	147.63 g

### Performance

Configuration	4B.310 : 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	17 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	50 N
Contact Dia.:	1.6 mm (0.063in)
Bucket Dia.:	1.9 mm (0.075in)
Min. Conductor:	1 mm <sup>2</sup> (AWG 18)
Max. Conductor:	1.5 mm <sup>2</sup> (AWG 14)

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R (max): 3.5 mOhm

Vtest (contact-shell): 1950 V (AC), 2750 V (DC)

Vtest (contact-contact): 1900 V (AC), 2700 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]

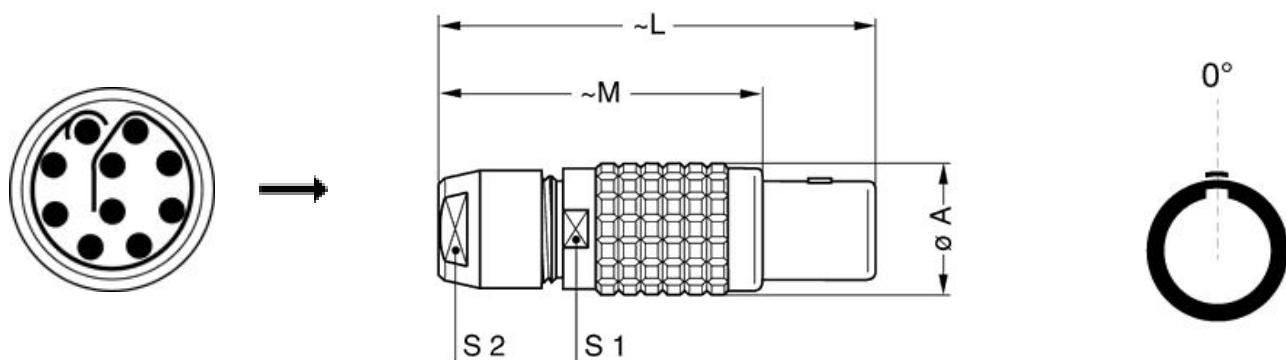
Climatical Category: 50/175/21

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="#"><u>DPC.91.101.A</u></a>
Crimp settings:	AWG/Selector = 14-16-18/7-6-5
Positionner:	<a href="#"><u>DCE.91.164.BVCM</u></a>
Extractor:	<a href="#"><u>DCF.91.163.5LT</u></a>
Replacement contact:	FGG.4B.570.ZZC

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