

## SUMMARY

### # Wires

Low voltage 30



*Image is for illustrative purpose only*

Series	3B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	7.80 - 9.20 mm
Status	active
Matching parts	<a href="#">EGG.3B.330.CYM</a>

### Download

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[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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
Weight	50.78 g

### Performance

Configuration	3B.330 : 30 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	3.5 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)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

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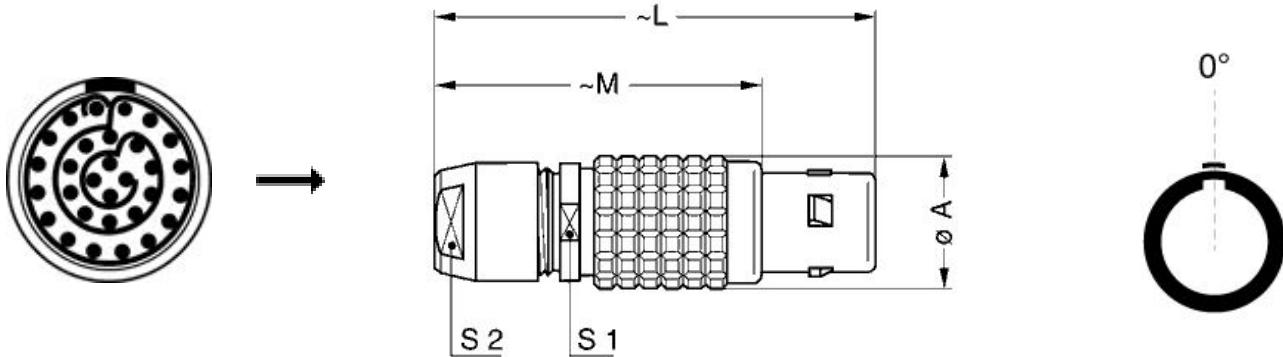
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

## 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.	18	58	43	15	14
in.	0,71	2,28	1,69	0,59	0,55

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## RECOMMENDED BY LEMO

### Tools

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Crimp Tool:	<a href="#"><u>DPC.91.701.V</u></a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#"><u>DCE.91.073.BVC</u></a>
Extractor:	<a href="#"><u>DCF.92.070.3LT</u></a>
Replacement contact:	FGG.3B.555.ZZC
Spanner wrench:	<a href="#"><u>DCD.3B.040.PA140</u></a>
Caps:	<a href="#"><u>BFG.3B.100.PCSG</u></a>

## Cables

CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		Grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330260	PVC	Black	

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