

## SUMMARY

### # Wires

Low voltage 4


*Image is for illustrative purpose only*

Series	0B
Termination type	Male crimp
IP rating	54
AWG wire size	32.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	<a href="#">EGG.0B.304.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FE*: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated)
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	10.94 g

### Performance

Configuration	0B.304 : 4 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.: 0.45 mm (0.018in)  
 Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32)

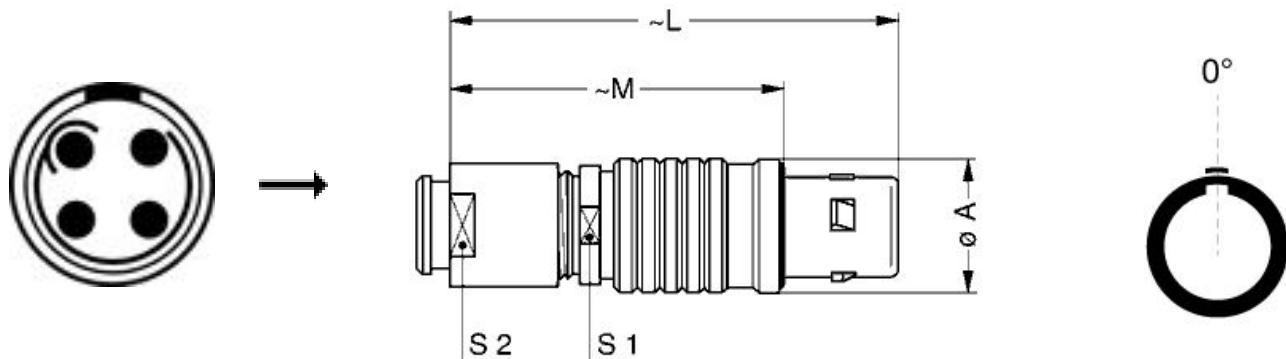
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Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)  
Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

## 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.	11	35	25	8	7
in.	0,43	1,38	0,98	0,31	0,28

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#"><u>DPC.91.701.V</u></a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#"><u>DCE.91.070.BVC</u></a>
Extractor:	<a href="#"><u>DCF.92.070.3LT</u></a>
Replacement contact:	FGG.0B.556.ZZC
Spanner wrench:	<a href="#"><u>DCD.0B.005.PA070</u></a>

## Cables

40080	PVC	Black	
40086	PVC	Blue	

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