

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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### Series

Termination type	Male crimp
IP rating	50
Cable Ø	9.30 - 10.00 mm
Matching parts	EGG.3B.308.CLL
Status	active

Alternative part

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 9.3 - 10 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	3B.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	13 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 40 N

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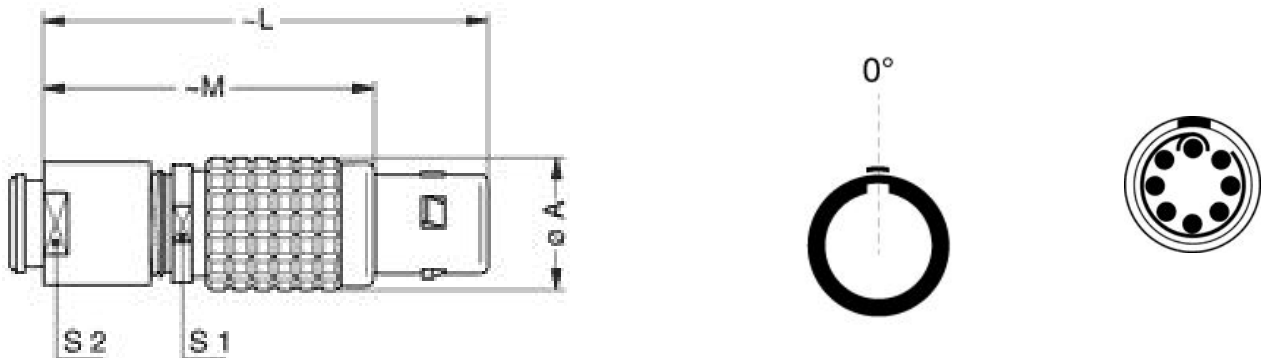
Contact Dia.: 1.3 mm (0.051in)  
 Bucket Dia.: 1.4 mm (0.055in)  
 Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)  
 Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

## Others

Humidity (max): <=95% [at 60 deg C /140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59


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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 18-20/8-7  
Positionner: DCE.91.133.BVC  
Extractor: DCF.91.133.5LT  
Replacement contact: FGG.3B.565.ZZC  
Spanner wrench: DCD.3B.040.PA150  
Caps: BFG.3B.100.PCSG

## Cables

380 750	PVC	Grey	
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