

## SUMMARY

### # Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0B
Termination type	Male crimp
IP rating	50
Cable Ø	2.30 - 3.20 mm
Matching parts	EGG.0B.303.CLL



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## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D31: 2.3 - 3.2 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	8 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm <sup>2</sup> (AWG 24)
Max. Conductor: 0.5 mm <sup>2</sup> (AWG 20)
R (max): 4.8 mOhm

Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

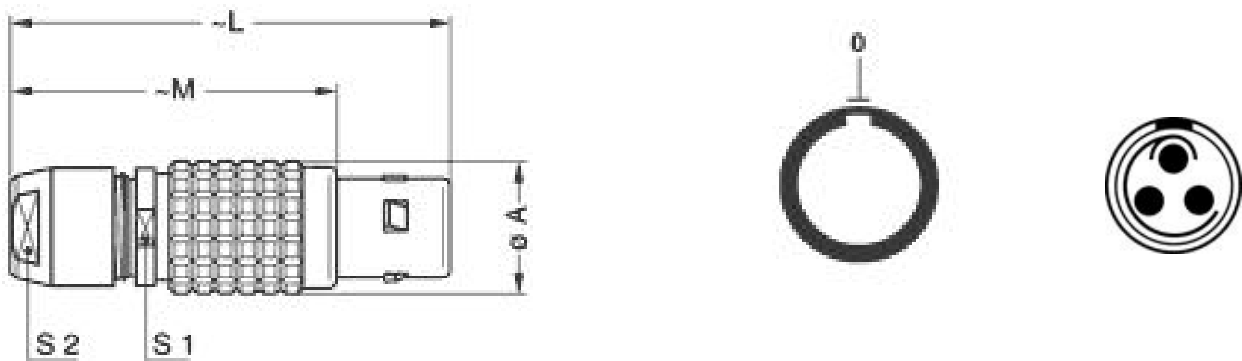
## Others

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]  
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

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0,37	1,38	0,98	0,31	0,28

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: DCE.91.090.BVC

Extractor: DCF.91.090.2LT  
 Replacement contact: FGG.0B.560.ZZC  
 Spanner wrench: MTZ.0B.045.070  
 Caps: BFG.0B.100.PCSG

## Cables

CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
003 041	PVC	Grey	
003 050	PVC	Black	
003 081	PVC	Black	
030 141	PVC	Grey	

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