

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	<a href="#">EGG.0B.304.CYM</a> <a href="#">PHG.0B.304.CYMD52Z</a>

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## 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
Variant	Z : Nut for fitting a bend relief
Weight	9.79 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.: 0.8 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

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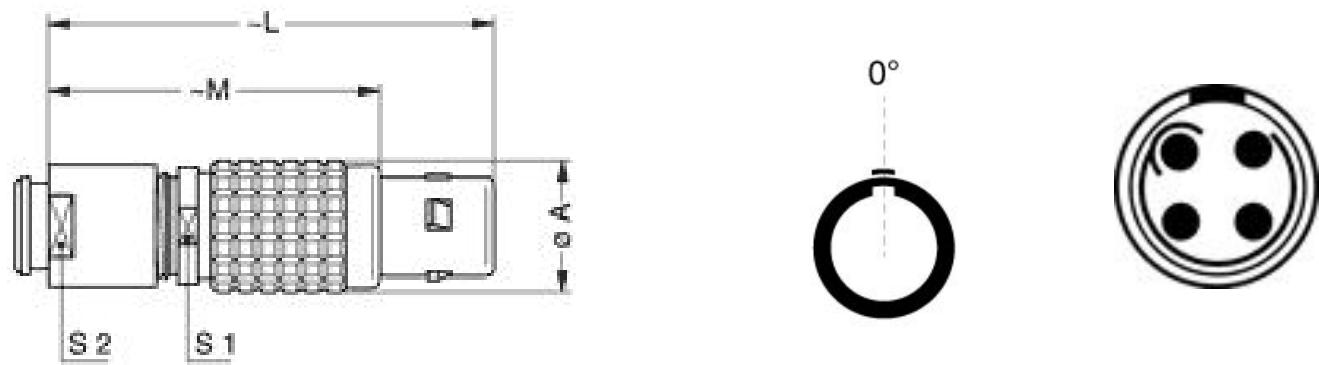
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)  
Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

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

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

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.070.BVC](#)











Extractor: [DCF.92.070.3LT](#)

Replacement contact: FGG.0B.555.ZZC

Spanner wrench: [DCD.0B.005.PA070](#)

Caps: [BFG.0B.100.PCSG](#)

## Cables

CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T22.047PGZE		Grey	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	Grey	
004 080	PVC	Grey	
004 221	PVC	Black	
004 280	PVC	Black	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	

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