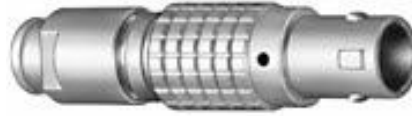


## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	OB
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	<a href="#">EGG.OB.304.CLL</a> <a href="#">PHG.OB.304.CLLD52Z</a>

### Download

- [Request a quote](#)
- [Eplan](#)
- [Catalog](#)
- [See video assembly instructions](#)

## 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	8.48 g

### Performance

Configuration	OB.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

- Contact Type: Solder
- Contact Dia.: 0.7 mm (0.028in)
- Bucket Dia.: 0.8 mm (0.031in)
- Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)
- Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)
- R (max): 6.1 mOhm
- Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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Vtest (contact-shell): 700 V (AC), 1000 V (DC)

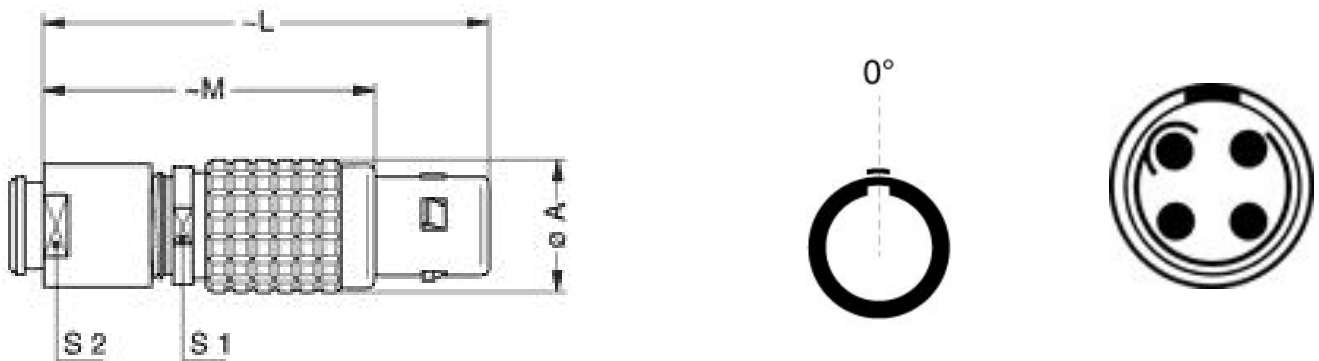
## Others

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

### 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

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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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