

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	3.30 - 4.20 mm
Status	obsolete
Alternative part	FGG.OB.304.CLAD42Z
Matching parts	EGG.OB.304.CLL

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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 [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	8.63 g

Performance

Configuration	0B.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 mm² (AWG 22)
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R (max): 6.1 mOhm

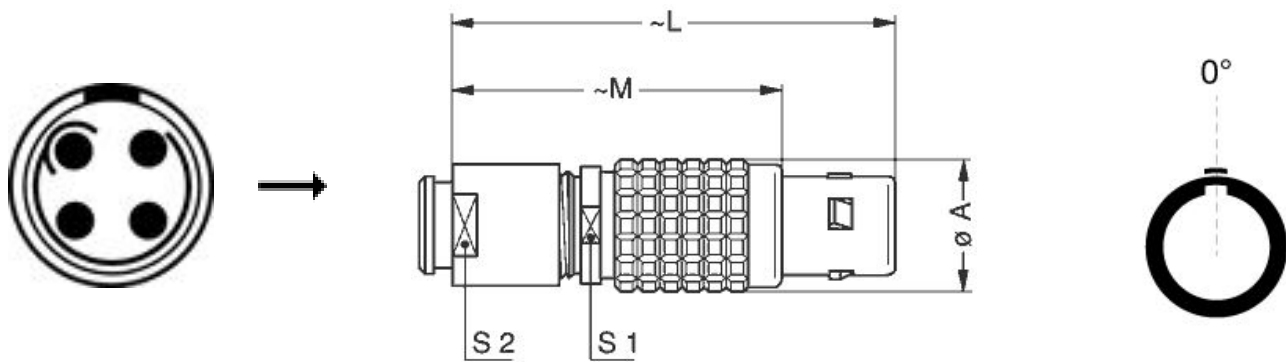
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Vtest (contact-contact): 850 V (AC), 1200 V (DC)
Vtest (contact-shell): 700 V (AC), 1000 V (DC)

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

DRAWINGS



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

Caps: [BFG.OB.100.PCSG](#)

Cables

40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
4260	PTFE	White	

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[FGJ.1B.304.CLLD76](#) [FGJ.1B.306.CWLD72](#) [FGJ.3B.304.CYMD10Z](#) [FGJ.3B.304.CYMD82Z](#) [PCS.01.250.DLLE24](#) [PHG.0K.305.CYMC40Z](#)
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