

SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	4B
Termination type	Male crimp
IP rating	50
Cable Ø	9.10 - 10.50 mm
Matching parts	EGA.4B.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	2 keys (alpha=30, 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	D10: 9.1 - 10.5 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	4B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	30 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 75 N
Contact Dia.: 3 mm (0.118in)
Bucket Dia.: 2.9 mm (0.114in)
Min. Conductor: 2.5 mm ² (AWG 14)
Max. Conductor: 4 mm ² (AWG 10)
R (max): 3.1 mOhm

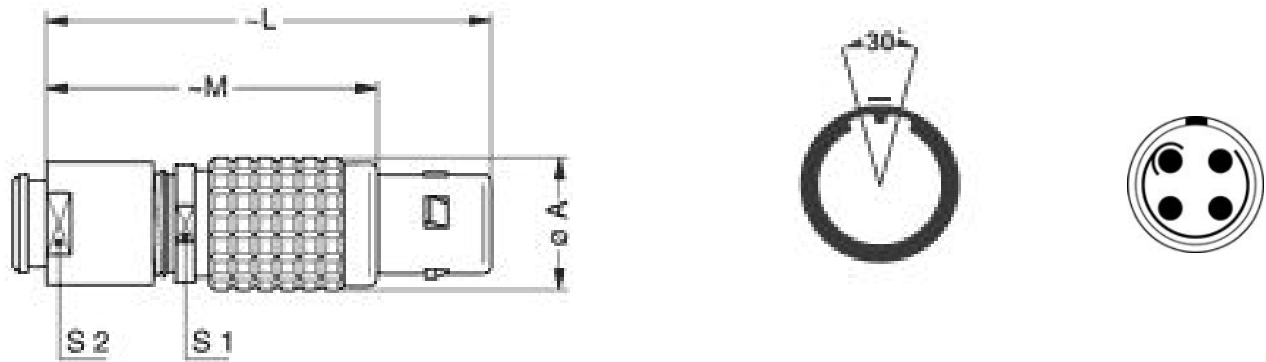
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

Others

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

DRAWINGS

Draws



Dimensions

	A	L	M	S1	S2
mm.	25	71	53	21	20
in.	0,98	2,80	2,09	0,83	0,79

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.102.V
Crimp settings: AWG/Selector = 10-12-14/3-1-1
Positionner: DCE.91.304.BVCM
Extractor: DCF.91.303.5LT

Replacement contact: FGG.4B.580.ZZC

Cables