

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	3.10 - 4.00 mm
Status	obsolete
Alternative part	FGG.2B.308.CYCD42Z
Matching parts	EGG.2B.308.CLL

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[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 [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

Performance

Configuration	2B.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 1950 V (AC), 2800 V (DC)

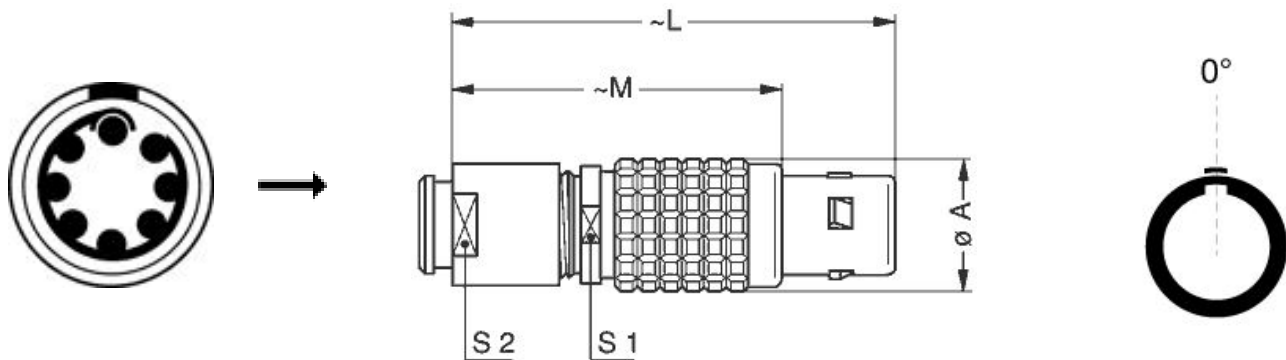
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Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 20-22-24/6-5-5
Positionner: [DCE.91.092.BVC](#)
Extractor: [DCF.91.090.2LT](#)
Replacement contact: FGG.2B.560.ZZC
Spanner wrench: [DCD.2B.025.PA120](#)
Caps: [BFG.2B.100.PCSG](#)

Cables

8050	PVC	Black	
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