

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	18.00 - 14.00
Cable Ø	8.30 - 9.20 mm
Status	active
Matching parts	EGG.2B.303.CLL PHG.2B.303.CYMD92Z

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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	29.63 g

Performance

Configuration	2B.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	17 Amps

Specifications

Contact Type: Crimp
Contact Retention: 50 N
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.9 mm (0.075in)
Min. Conductor: 1 mm² (AWG 18)
Max. Conductor: 1.5 mm² (AWG 14)

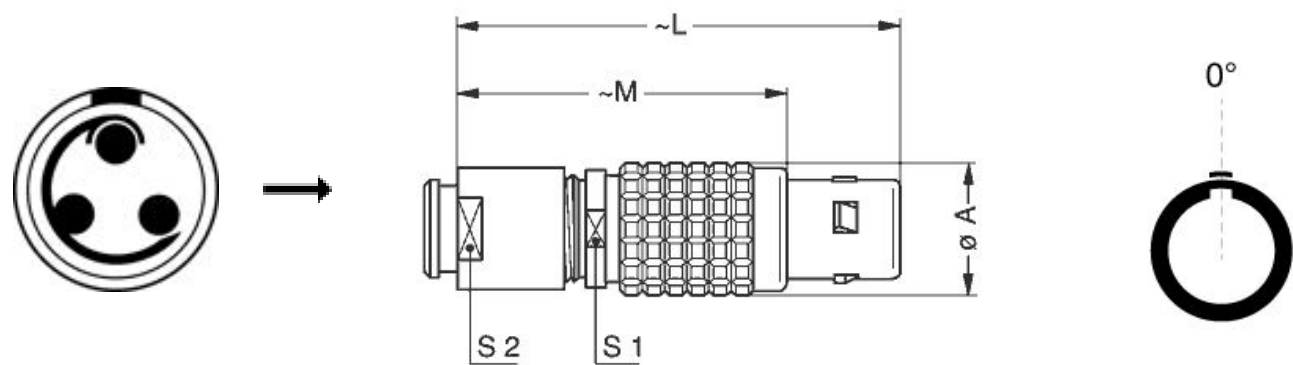
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R (max): 3.5 mOhm
Vtest (contact-shell): 1900 V (AC), 2700 V (DC)
Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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

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Tools

Crimp Tool:	DPC.91.101.A
Crimp settings:	AWG/Selector = 14-16-18/7-6-5
Positionner:	DCE.91.162.BVCM
Extractor:	DCF.91.162.2LT
Replacement contact:	FGG.2B.570.ZZC
Spanner wrench:	DCD.2B.025.PA120
Caps:	BFG.2B.100.PCSG

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