

FGA.4B.304.CYCD10Z

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

4B Series

Male crimp Termination type

IP rating 50

AWG wire size 14.00 - 10.00 Cable Ø 9.10 - 10.50 mm

Status active

Matching parts EGA.4B.304.CLL

PHA.4B.304.CYMD10Z

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Catalog

See video assembly instructions

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)

Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] **Housing Material**

brass latch sleeve and mid pieces

Variant Z: Nut for fitting a bend relief

Weight 119.69 g

Performance

Configuration 4B.304: 4 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 30 Amps

Specifications

Contact Type: Crimp Contact Retention: 75 N Contact Dia.: 3 mm (0.118in) Bucket Dia.: 2.9 mm (0.114in) Min. Conductor: 2.5 mm² (AWG 14)

Max. Conductor: 4 mm² (AWG 10)

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R (max): 3.1 mOhm

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

Others

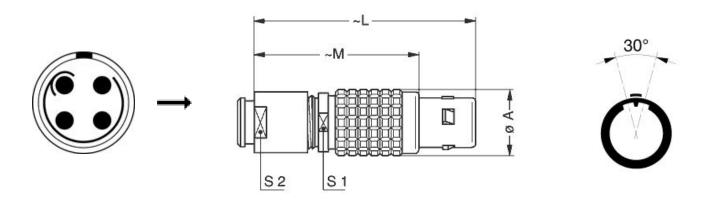
Endurance (Shell): 5000

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

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

RECOMMENDED BY LEMO

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Tools

Crimp Tool: DPC.91.102.V

Crimp settings: AWG/Selector = 10-12-14/3-1-1

Positionner: DCE.91.304.BVCM
Extractor: DCC.30.35B.LAG

Replacement contact: FGG.4B.580.ZZC

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