

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	4B
Termination type	Female crimp
IP rating	50
AWG wire size	22.00 - 18.00
Cable Ø	7.80 - 9.20 mm
Status	active
Matching parts	EGJ.4B.310.CYB

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male 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
Weight	137.51 g

Performance

Configuration	4B.310 : 10 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.: 1.4 mm (0.055in)
Min. Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.5 mOhm
Vtest (contact-shell): 1950 V (AC), 2750 V (DC)

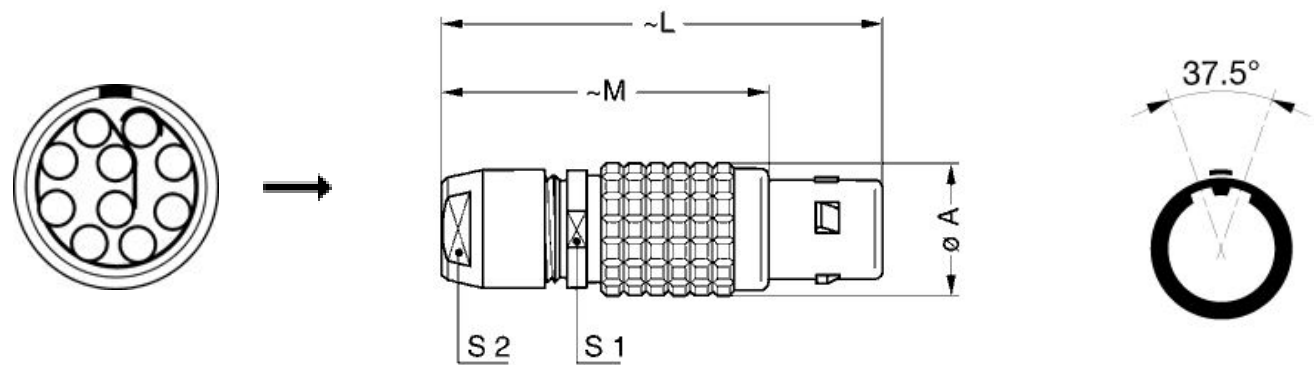
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Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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.	25	75	57	21	20
in.	0,98	2,95	2,24	0,83	0,79

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.101.A](#)
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: [DCE.91.164.BVCM](#)
Extractor: [DCF.91.163.5LT](#)
Replacement contact: EGG.4B.671.ZZM

Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	

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