

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 1B
Termination type Male solder
IP rating 50
AWG wire size 34.00 - 28.00
Cable Ø 5.30 - 6.20 mm
Status active
Matching parts [EGG.1B.310.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FS*: Adjustable right angle Anglissimo plug (8 selective positions) with 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 14.40 g

Performance

Configuration 1B.310 : 10 Low Voltage

Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)

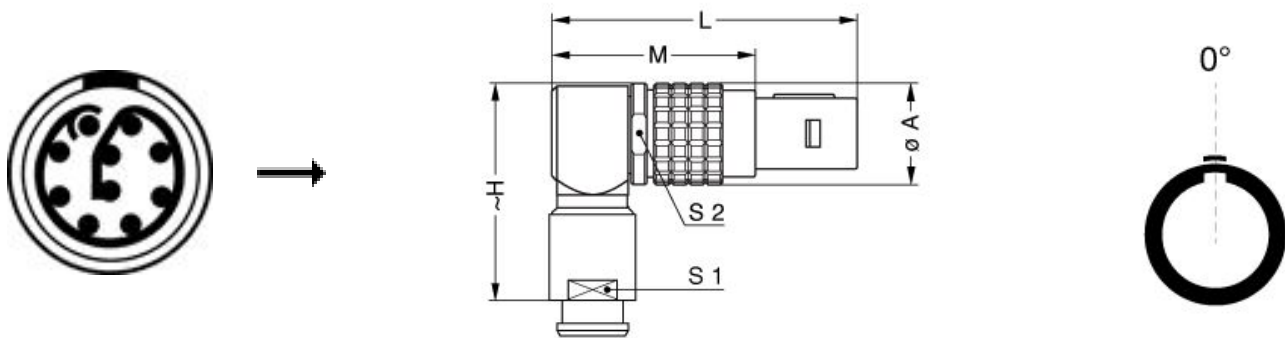
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R (max): 8.7 mOhm
 Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
 Vtest (contact-contact): 900 V (AC), 1270 V (DC)

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)
 Note: Cable diameter is specific for Anglissimo to enable easy termination of connector
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	H	L	M	S1	S2
mm.	12	30.8	36.5	25.5	9	11
in.	0,47	1,21	1,44	1,00	0,35	0,43

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Tools

Spanner 2: [DCP.91.FSG.TN](#)

Spanner wrench: [DCD.1B.015.PA090](#)

Cables

CMN.10.T28.053QGZE	TPR (medical)	Grey	
110280	PVC	Black	

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