

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.1B.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FS*: Adjustable right angle Anglissimo plug (8 selective positions) with cable collet
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
Weight	13.74 g

Performance

Configuration	1B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	12 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1550 V (AC), 2200 V (DC)
Vtest (contact-contact):	1300 V (AC), 1840 V (DC)

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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

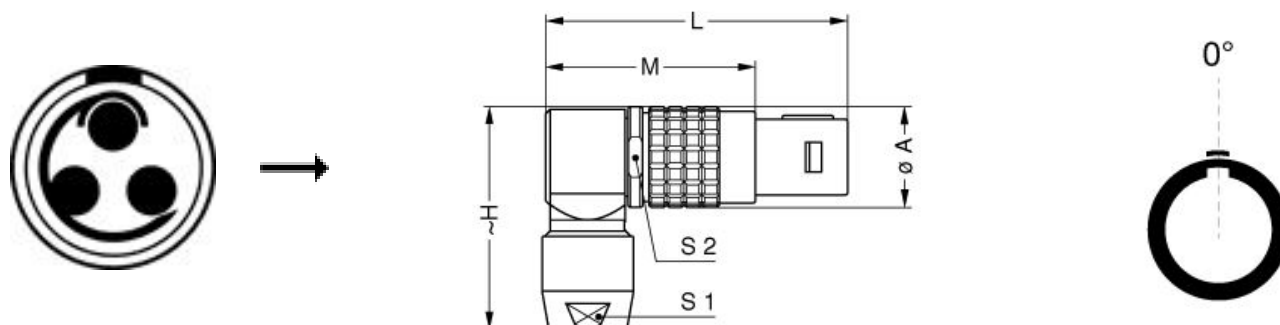
Shielding (min): 75 dB (10 MHz)

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	26.4	36.5	25.5	9	11
in.	0,47	1,04	1,44	1,00	0,35	0,43

RECOMMENDED BY LEMO

Tools

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

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

Cables

CMN.03.T20.049PGZE		Grey	
CMN.03.T20.049PNZE			
130240	PVC	Black	
130250	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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