

## SUMMARY

### # Wires

Low voltage	2
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*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	<a href="#">EGG.1B.302.CLL</a>

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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

### Performance

Configuration	1B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1350 V (AC), 1910 V (DC)

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Vtest (contact-contact): 1500 V (AC), 2120 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

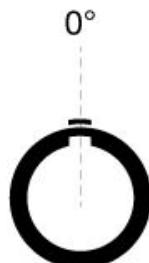
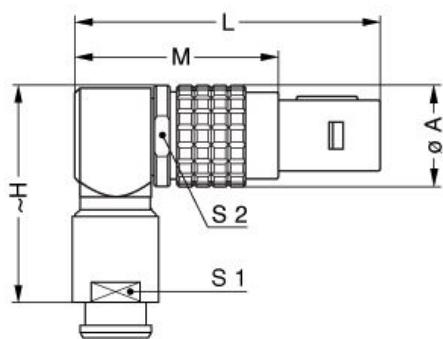
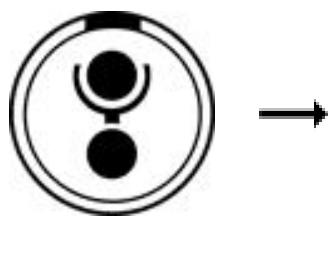
Shielding (min): 75 dB (10 MHz)

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

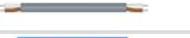
## RECOMMENDED BY LEMO

### Tools

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Spanner 2: [DCP.91.FSG.TN](#)  
Spanner wrench: [DCD.1B.015.PA090](#)

## Cables

CMN.02.T20.047PGZE		Grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
120240	PVC	Black	
120250	PVC	Grey	
120501	PVC	Grey	
2221	PVC	Black	
4082	PVC	Grey	

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