

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	4.30 - 4.70 mm
Status	obsolete
Alternative part	<a href="#">FSG.0B.303.CLAK52</a>
Matching parts	<a href="#">EGG.0B.303.CLL</a>

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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

### Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

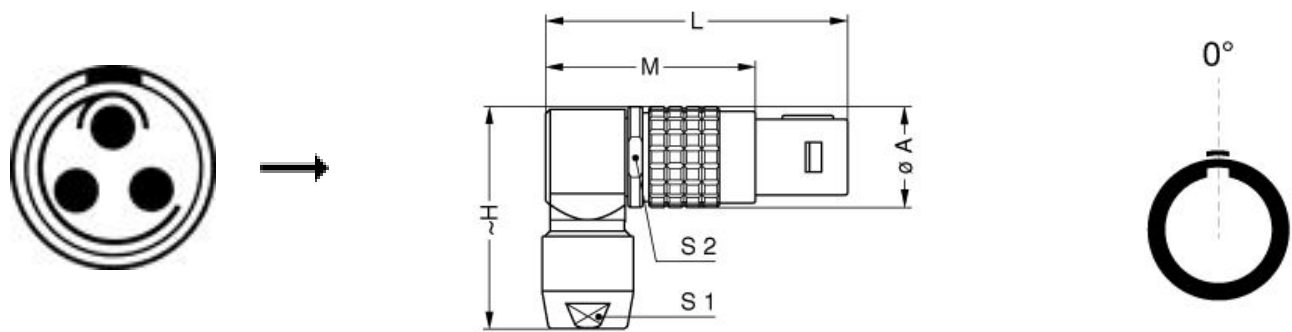
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)
Max. Solid Conductor:	0.56 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.56 mm <sup>2</sup> (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	900 V (AC), 1270 V (DC)
Vtest (contact-contact):	1200 V (AC), 1700 V (DC)

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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.	10	22.4	30.3	20.2	7	9
in.	0,39	0,88	1,19	0,80	0,28	0,35




RECOMMENDED BY LEMO

Tools

- Spanner 2: [DCP.91.FSG.TN](#)
- Spanner wrench: [DCD.0B.005.PA070](#)

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Cables

130240	PVC	Black	
130250	PVC	Grey	
30260	PVC	Black	
60080	PVC	Grey	

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