

## SUMMARY

### # Wires

Low voltage 2



*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.302.CLAK52</a>
Matching parts	<a href="#">EGG.0B.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
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	11.24 g

### Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

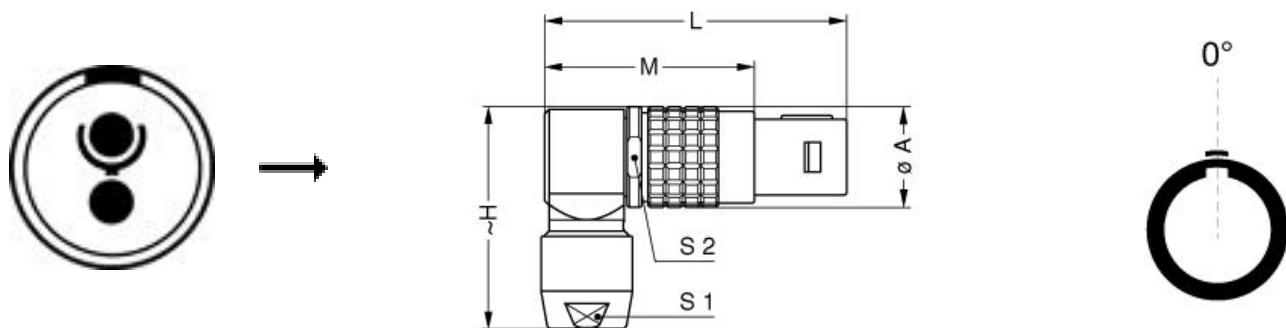
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.0 mm (0.039in)  
Max. Solid Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 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](#)

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Spanner wrench:

[DCD.0B.005.PA070](#)

## Cables

120240	PVC	Black	
120250	PVC	Grey	
4082	PVC	Grey	

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