

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	0T
Termination type	Male solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	<a href="#">FSG.0T.303.CLAK50</a>
Matching parts	<a href="#">EGG.0T.303.CLL</a>

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[See video assembly instructions](#)

## 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	10.05 g

### Performance

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

### Specifications

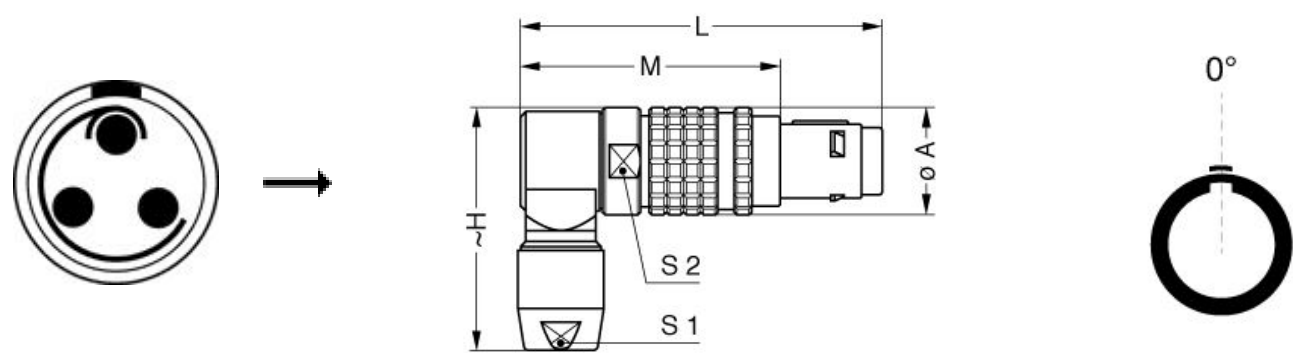
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)
Max. Solid Conductor:	0.56 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.56 mm <sup>2</sup> (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	900 V (AC), 1270 V (DC)
Vtest (contact-contact):	1200 V (AC), 1700 V (DC)

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Others

- Endurance (Shell): >3000 mating cycles
- Temp (min / max): -55° C / +200° C
- Humidity (max): <=95% [at 60 deg C /140 F]
- Resistance to vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [ 6 ms]
- Climatical Category: 50/175/21
- Shielding efficiency (min): 75 dB (at 10 MHz)
- Shielding efficiency (min): 40 dB (at 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	23	36	26	7	9.5
in.	0,39	0,91	1,42	1,02	0,28	0,37

RECOMMENDED BY LEMO

Tools

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

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Cables

130240	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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