

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	FSG.0B.302.CLA52Z
Matching parts	EGG.0B.302.CLL

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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
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 mm² (AWG 20)
 Max. Stranded Conductor: 0.56 mm² (AWG 20)

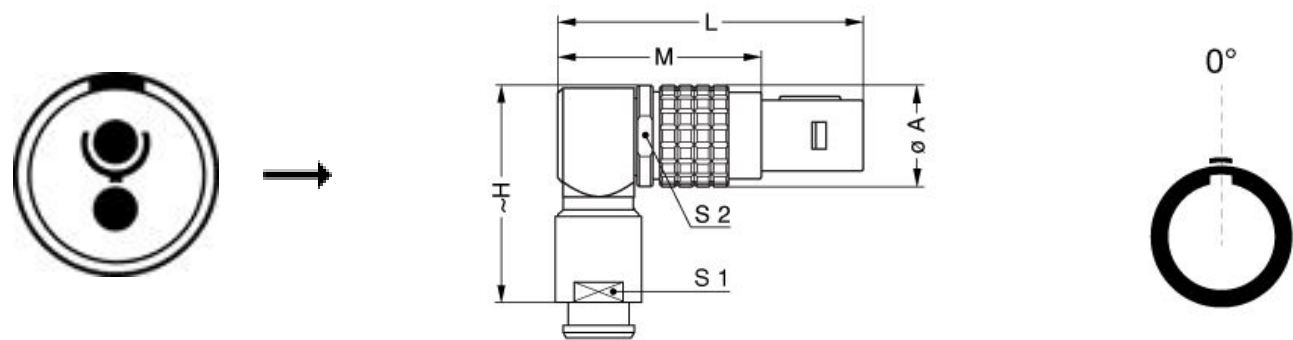
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R (max): 4.8 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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.	10	25	30.3	20.2	7	9
in.	0,39	0,98	1,19	0,80	0,28	0,35

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Tools

- Spanner 2:

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

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

Cables

120240	PVC	Black	
120250	PVC	Grey	
4082	PVC	Grey	

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