

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 5

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.30 - 4.70 mm
Status	obsolete
Alternative part	FSG.0B.305.CLA52Z
Matching parts	EGG.0B.305.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.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6.5 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
Max. Conductor:	0.34 mm ² (AWG 22)

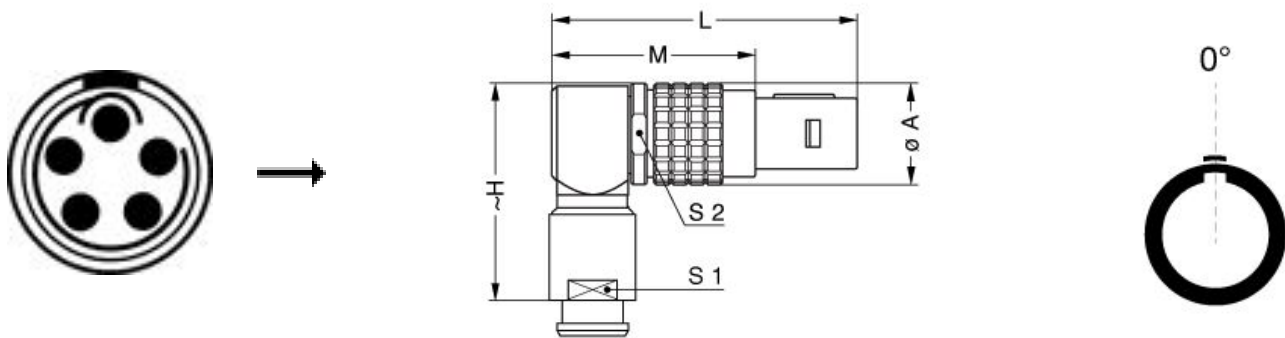
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R (max): 6.1 mOhm
 Vtest (contact-shell): 700 V (AC), 1000 V (DC)
 Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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.OB.005.PA070](#)

Cables

50090	PVC	Black	
50140	PVC	Grey	

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