

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	OB
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.OB.302.CLA52
Matching parts	EGG.OB.302.CLL

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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	OB.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 ² (AWG 20)
Max. Stranded Conductor:	0.56 mm ² (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

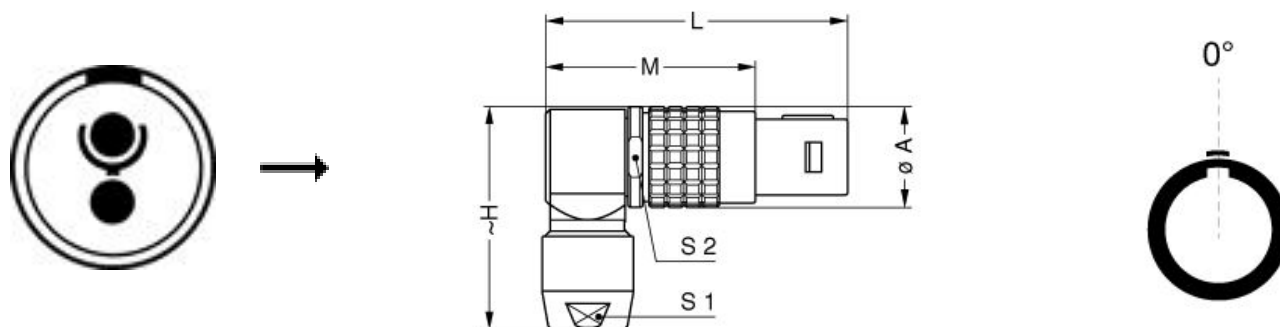
Shielding (min): 75 dB (10 MHz)

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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