

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 7

Series	OB
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	4.30 - 4.70 mm
Status	obsolete
Alternative part	<a href="#">FSG.OB.307.CYCK52Z</a>
Matching parts	<a href="#">EGG.OB.307.CLL</a>

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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

### Performance

Configuration	OB.307 : 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	12 N
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Min. Conductor:	0.035 mm <sup>2</sup> (AWG 32)
Max. Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.7 mOhm

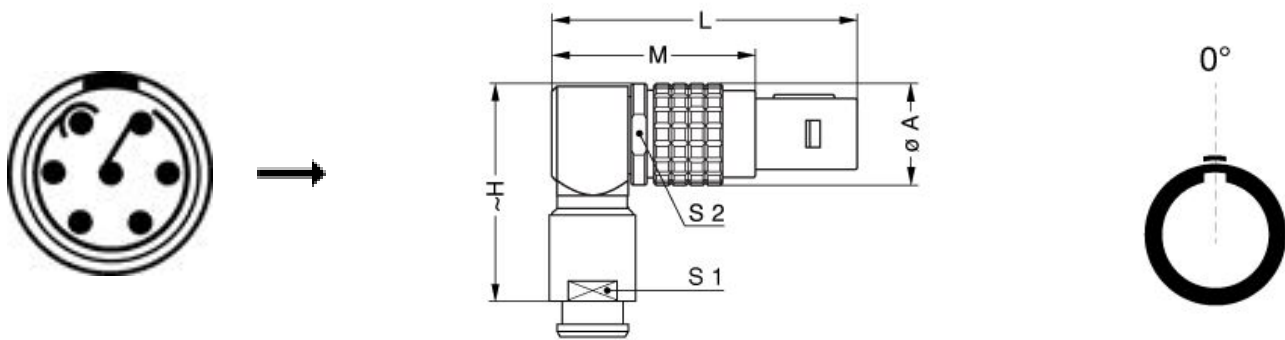
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Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

## 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

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#">DCE.91.050.BVC</a>
Extractor:	<a href="#">DCF.91.050.2LT</a>
Spanner 2:	<a href="#">DCP.91.FSG.TN</a>
Replacement contact:	FGG.0B.554.ZZC
Spanner wrench:	<a href="#">DCD.0B.005.PA070</a>

## Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			

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