

## SUMMARY

### # Wires



Low voltage	4
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*Image is for illustrative purpose only*

Series	0B
Termination type	Female crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	2.30 - 3.20 mm
Status	active
Matching parts	<a href="#">FGG.0B.304.CYCD32Z</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, 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	0B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-contact):	1350 V (AC), 1910 V (DC)

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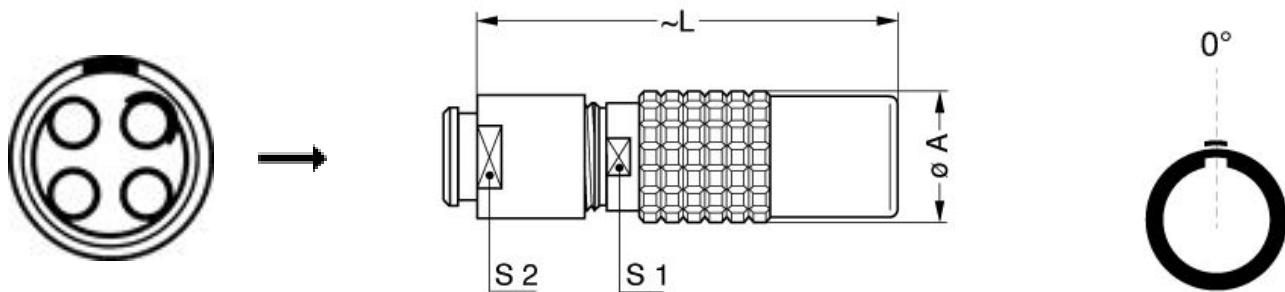
Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

## 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)  
Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

	A	L	S1	S2
mm.	9.5	34.5	8	7
in.	0,37	1,36	0,31	0,28

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## RECOMMENDED BY LEMO

### Tools

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Crimp Tool:	<a href="#"><u>DPC.91.701.V</u></a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#"><u>DCE.91.070.BVM</u></a>
Extractor:	<a href="#"><u>DCF.92.070.3LT</u></a>
Replacement contact:	EGG.0B.655.ZZM
Spanner wrench:	<a href="#"><u>DCD.0B.005.PA070</u></a>

## Cables

CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
4041	PVC	Grey	
4050	PVC	Black	

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