

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 2B  
Termination type Female crimp  
IP rating 50  
AWG wire size 32.00 - 28.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.2B.312.CYBD42Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
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 15.57 g

### Performance

Configuration 2B.312 : 12 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.: 0.45 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): 6.1 mOhm  
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)

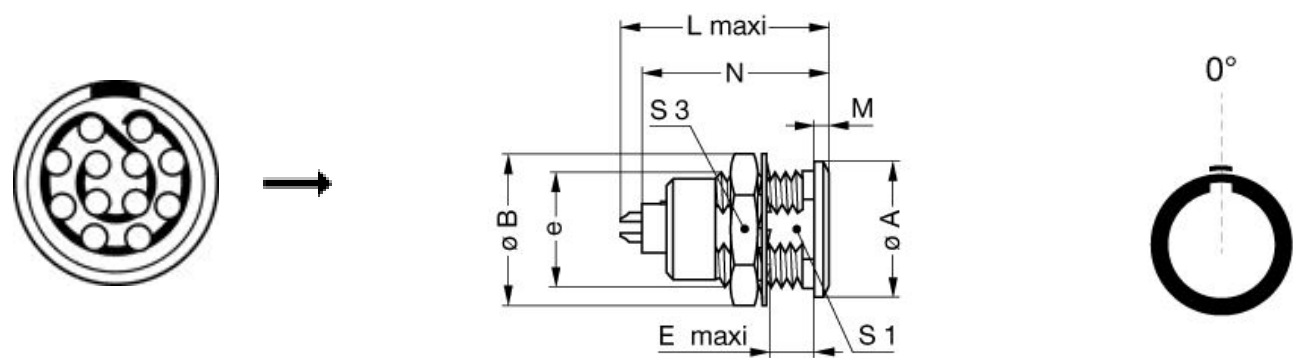
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Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

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

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0,71	0,77	0,33	1,05	0,07	0,97	0,53	0,67	

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 28-30-32/4-3-3

Positionner: [DCE.91.072.BVM](#)

Extractor: [DCF.91.070.2LT](#)

Replacement contact: EGG.2B.656.ZZM

### Cables

CMN.12.T28.054PGZE		Grey	
CMN.12.T28.054PNZE			
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	

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