

## SUMMARY

### # Wires

Low voltage 30



*Image is for illustrative purpose only*

Series 4B  
Termination type Female crimp  
IP rating 50  
AWG wire size 24.00 - 20.00  
Cable Ø 12.10 - 13.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PF\*: Fixed receptacle, with two nuts, cable clamp (back panel mounting)  
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 156.92 g

### Performance

Configuration 4B.330 : 30 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 5 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 30 N  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.1 mm (0.043in)  
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)

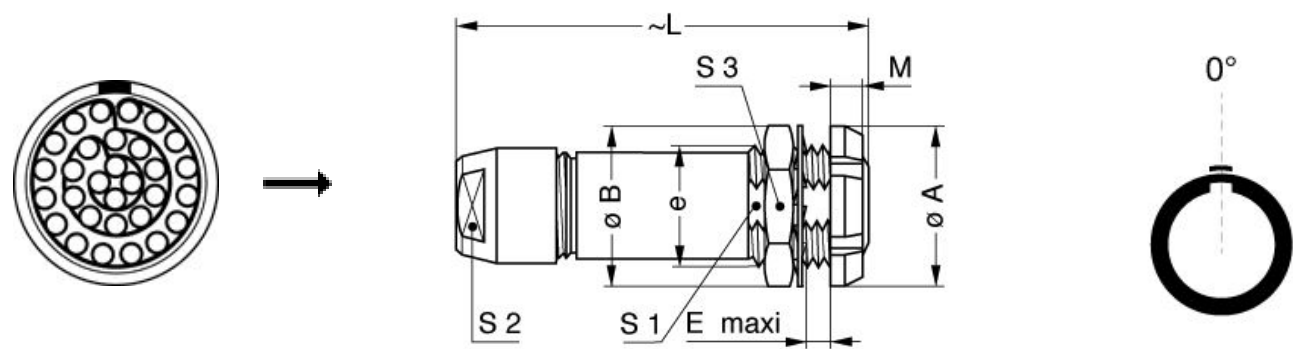
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Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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	S1	S2	S3	e
mm.	30	32	11	73	4.5	23.5	20	30	M25x1.0
in.	1,18	1,26	0,43	2,87	0,18	0,93	0,79	1,18	

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 20-22-24/6-5-5
Positionner:	<a href="#">DCE.91.094.BVM</a>
Extractor:	<a href="#">DCC.09.05B.LAG</a>
Replacement contact:	EGG.4B.660.ZZM
Spanner wrench:	<a href="#">Socket for torque wrench DCM.65.270.AZ</a>

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