

## SUMMARY

### # Wires

Low voltage 20



*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 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  
Weight 153.88 g

### Performance

Configuration 4B.320 : 20 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 8 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)

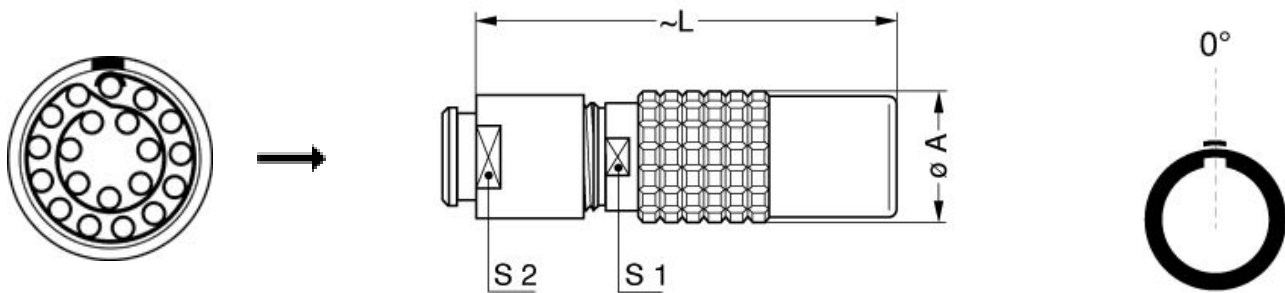
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R (max): 4.8 mOhm  
 Vtest (contact-shell): 950 V (AC), 1340 V (DC)  
 Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

## 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	L	S1	S2
mm.	26	69	21	20
in.	1,02	2,72	0,83	0,79

## RECOMMENDED BY LEMO

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## Tools

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:	EKG.4B.660.ZZM

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