

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 7.80 - 9.20 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant Z : Nut for fitting a bend relief
Weight 167.20 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 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm

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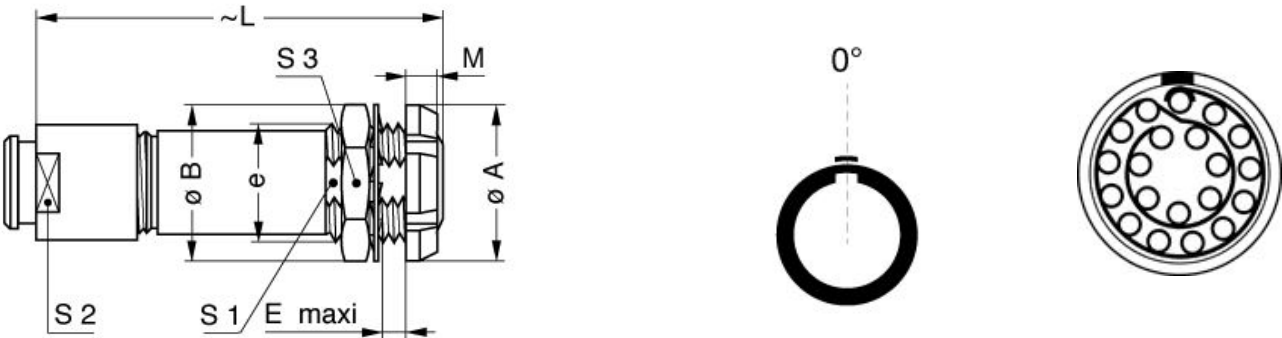
Vtest (contact-shell): 950 V (AC), 1340 V (DC)
Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

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

Draws



Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	30	32	11	69	4.5	23.5	20	30	M25x1.0
in.	1.18	1.26	0.43	2.72	0.18	0.93	0.79	1.18	

RECOMMENDED BY LEMO

Tools

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

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: [DCE.91.094.BVM](#)

Extractor: [DCF.91.093.5LT](#)

Replacement contact: EGG.4B.660.ZZM

Cables

CMN.20.T22.084PGCE	PVC	GREY	
CMN.20.T22.084PGZE		Grey	
CMN.20.T22.084PNCE	PVC	Black	
CMN.20.T22.084PNZE			
420 250	PVC	Grey	

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