

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series 2B
Termination type Male crimp
IP rating 50
AWG wire size 26.00 - 22.00
Cable Ø 4.30 - 5.20 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Housing Material
Variant Z : Nut for fitting a bend relief
Weight 31.68 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.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm

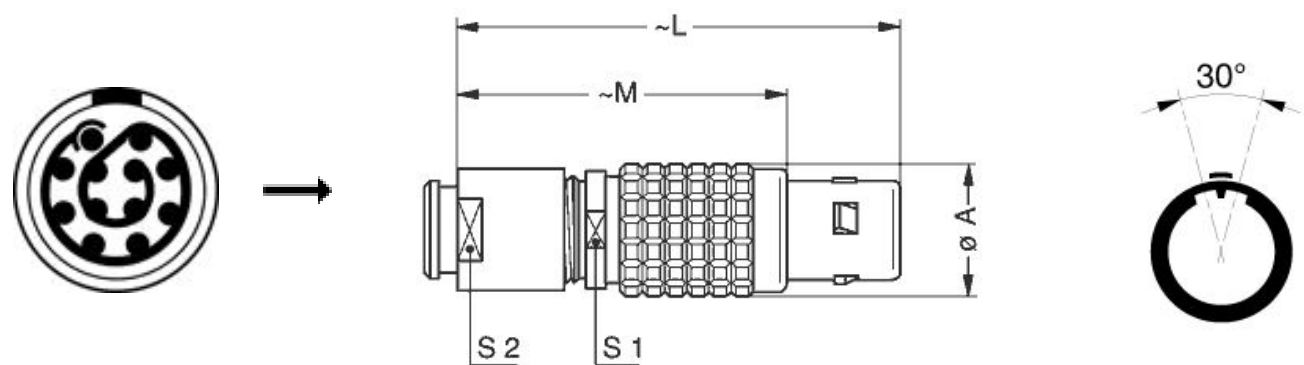
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Vtest (contact-shell): 2000 V (AC), 2850 V (DC)
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

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)

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

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- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5
- Positionner: [DCE.91.072.BVC](#)
- Extractor: [DCF.91.070.2LT](#)
- Replacement contact: FGG.2B.555.ZZC
- Spanner wrench: [DCD.2B.025.PA120](#)

Cables

12050	PVC	Black	
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