

SUMMARY

Wires

Low voltage 24


Image is for illustrative purpose only

Series	3B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	9.90 - 11.00 mm
Status	active
Matching parts	EGG.3B.324.CYM

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, 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	50.63 g

Performance

Configuration	3B.324 : 24 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	4 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 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)

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R (max): 6.1 mOhm

Vtest (contact-shell): 1350 V (AC), 1910 V (DC)

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□

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]

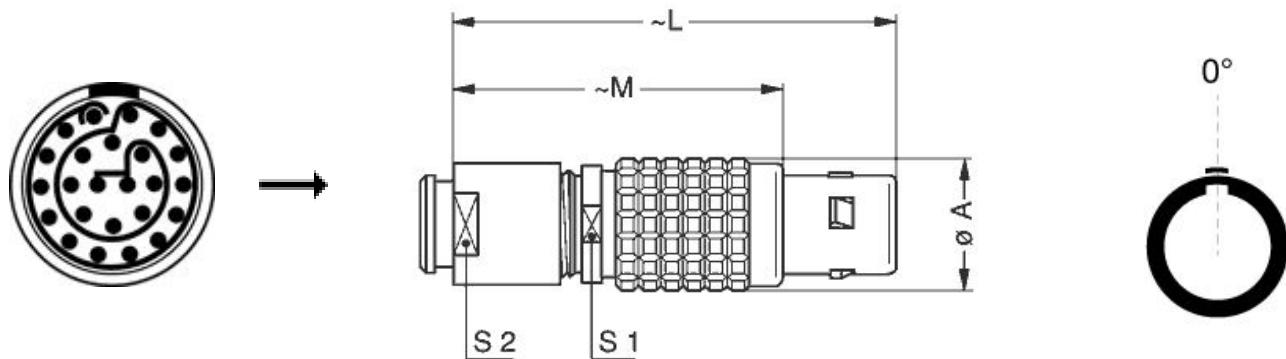
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

RECOMMENDED BY LEMO

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Tools

Crimp Tool:	<u>DPC.91.701.V</u>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<u>DCE.91.073.BVC</u>
Extractor:	<u>DCF.92.070.3LT</u>
Replacement contact:	FGG.3B.555.ZZC
Spanner wrench:	<u>DCD.3B.040.PA150</u>
Caps:	<u>BFG.3B.100.PCSG</u>

Cables

324220	PVC	Black	
424250	PVC	Grey	

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