

SUMMARY

Wires

Low voltage	26
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Image is for illustrative purpose only

Series	3B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGL.3B.326.CYMD12

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (back panel mounting)
Keying	2 keys (gamma=70, plug: female contacts, receptacle: male 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	29.74 g

Performance

Configuration	3B.326 : 26 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)
R (max):	6.1 mOhm
Vtest (contact-shell):	1300 V (AC), 1840 V (DC)

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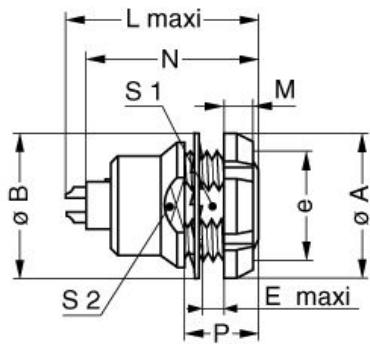
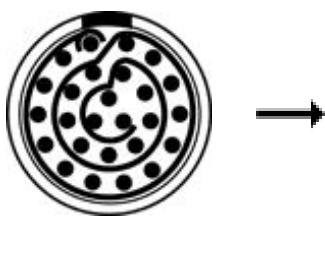
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

□

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	N	P	S1	S2	e
mm.	24	25	6.1	30.7	4.5	28.1	12	16.5	20	M18x1.0
in.	0,94	0,98	0,24	1,21	0,18	1,11	0,47	0,65	0,79	

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.91.073.BVC](#)
 Extractor: [DCF.92.070.3LT](#)
 Replacement contact: FGG.3B.555.ZZC

Cables

CMN.26.T22.082PGCE	PVC	GREY	
CMN.26.T22.082PGZE		Grey	
CMN.26.T22.082PNCE	PVC	Black	
CMN.26.T22.082PNZE			
CMN.26.T28.070PGZE		Grey	
CMN.26.T28.070PNZE			
CMN.26.T30.054QGZE	TPR (medical)	Grey	

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