

## SUMMARY

### # Wires

Low voltage	1
High voltage	2



*Image is for illustrative purpose only*

Series	1B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGJ.1B.731.CJLD52</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
Keying	2 keys (gamma=45, 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	8.22 g

### Performance

Configuration	1B.731 : 2 High V. 1 Low V.
Insulator	J: PEEK/PEEK
Rated Current	12 Amps

### Specifications

Contact Type: Solder  
Test voltage HV Ue (kV rms) 5.3  
Working voltage LV Us (kV rms) 0.4

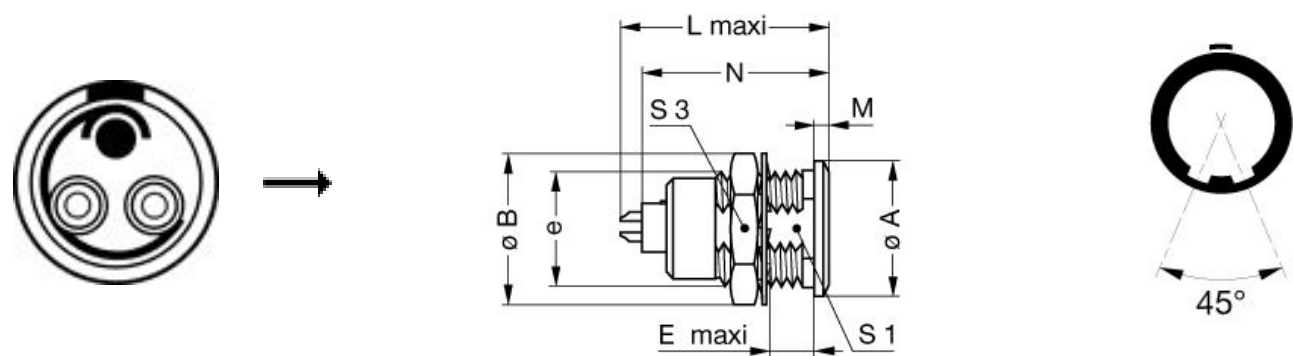
### Others

Endurance (Shell): 5000  
Temp (min / max): -55°C / +250°C

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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	S1	S3	e
mm.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,91	0,06	0,83	0,41	0,55	

# RECOMMENDED BY LEMO

## Tools

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