

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 1B  
Termination type Female print PCB  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.1B.314.CLAD42Z](#)

### Download

[Request a quote](#)  
[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EY\*: Fixed receptacle for printed circuit, nut fixing (back panel mounting)  
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  
Weight 12.58 g

### Performance

Configuration 1B.314 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

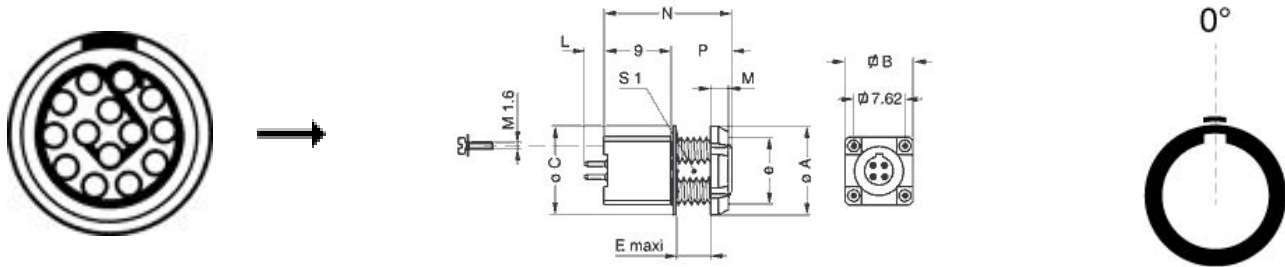
Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

### Others

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

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	C	D	E	M	N	P	e
mm.	14	12	16	7.62	5	3.5	19	10	M11x0.5
in.	0,55	0,47	0,63	0,30	0,20	0,14	0,75	0,39	

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [Socket for torque wrench DCM.1S.M11.4](#)

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*