

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 2B  
Termination type Female solder  
IP rating 68  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.2B.314.CLAD52](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model HE\*: Fixed receptacle, nut fixing, watertight or vacuum-tight (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  
Variant P : Watertight  
Weight 23.18 g

### Performance

Configuration 2B.314 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6.5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

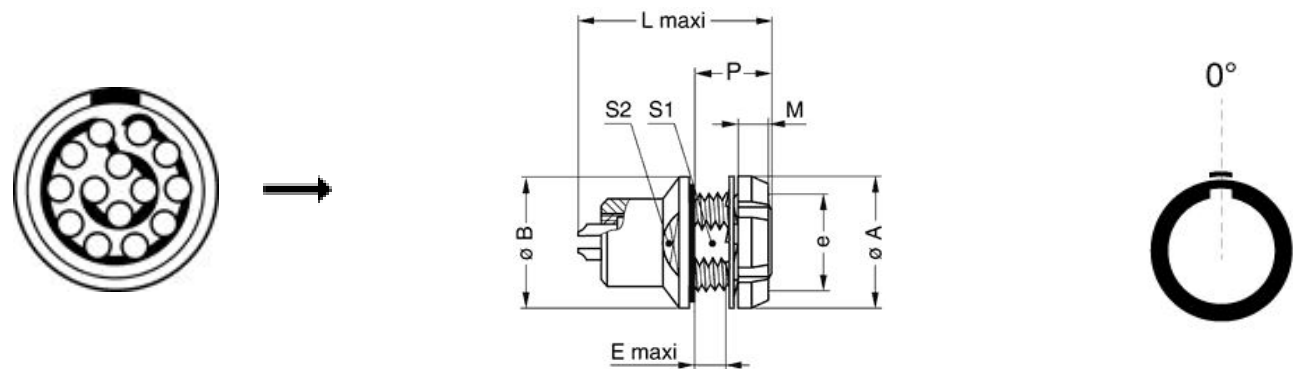
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Vtest (contact-shell): 1350 V (AC), 1910 V (DC)  
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

Others

Endurance (Shell): 5000  
Temp (min / max): -20°C / +80°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: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 40 bars

DRAWINGS



Dimensions


	A	B	E	L	M	P	S1	S2	e
mm.	20	20	5.5	31.6	3.5	9.6	13.5	15	M15x1.0
in.	0,79	0,79	0,22	1,24	0,14	0,38	0,53	0,59	

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## Tools

## Cables

CMN.14.T22.068PGCE	PVC	GREY	
CMN.14.T22.068PGZE		Grey	
CMN.14.T22.068PNCE	PVC	Black	
CMN.14.T22.068PNZE			
CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114260	PTFE	White	
214140	PVC	Black	
214240	PTFE	White	
314250	PVC	Grey	

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