

## SUMMARY

### # Wires

Low voltage 4



Image is for illustrative purpose only

Series	3B
Termination type	Female solder
IP rating	68
AWG wire size	22.00 - 14.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.3B.304.CLAD10</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight
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	PV : Watertight / Vacuum-tested
Weight	36.75 g

### Performance

Configuration	3B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	19 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	2 mm (0.079in)
Bucket Dia.:	1.8 mm (0.071in)
Max. Solid Conductor:	1.5 mm <sup>2</sup> (AWG 14)
Max. Stranded Conductor:	1.5 mm <sup>2</sup> (AWG 16)
R (max):	3.3 mOhm

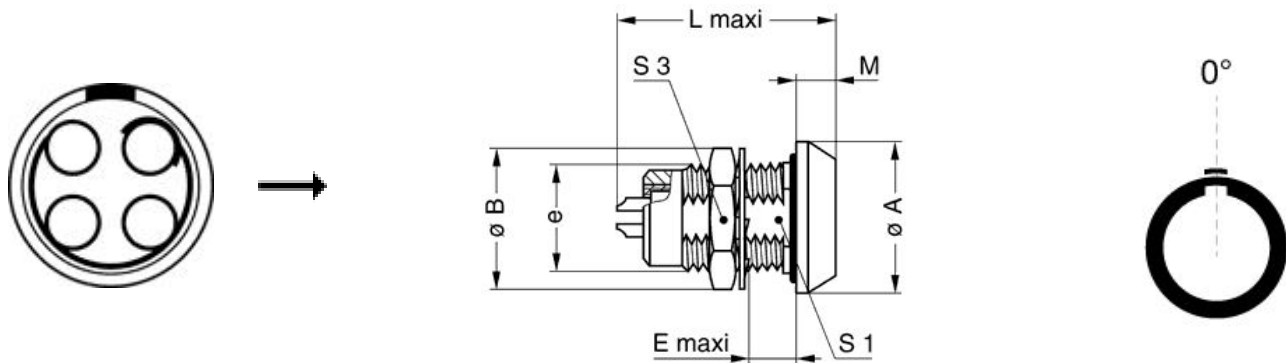
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Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
 Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

## 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)  
 R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
 Salt Spray Corrosion: >1000 hr  
 Pressure: 30 bars

## DRAWINGS



## Dimensions


























	A	B	E	L	M	S1	S3	e
mm.	25	25	11.5	36.1	4	16.5	22	M18x1.0
in.	0,98	0,98	0,45	1,42	0,16	0,65	0,87	

## RECOMMENDED BY LEMO


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## Tools

## Cables

CMN.04.T14.083PGZE		Grey	
CMN.04.T14.083PNZE			
CMN.04.T20.053PGZE		Grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
340 150	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
40260	PVC	Black	
4041	PVC	Grey	
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	

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80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	

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