

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series	2W
Termination type	Female solder
IP rating	68 when mated
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FVG.2W.316.CLAC75</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EV*: Fixed socket, nut fixing
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	25.18 g

### Performance

Configuration	2W.316 : 16 Low Voltage
Insulator	
Rated Current	6 Amps

### Specifications

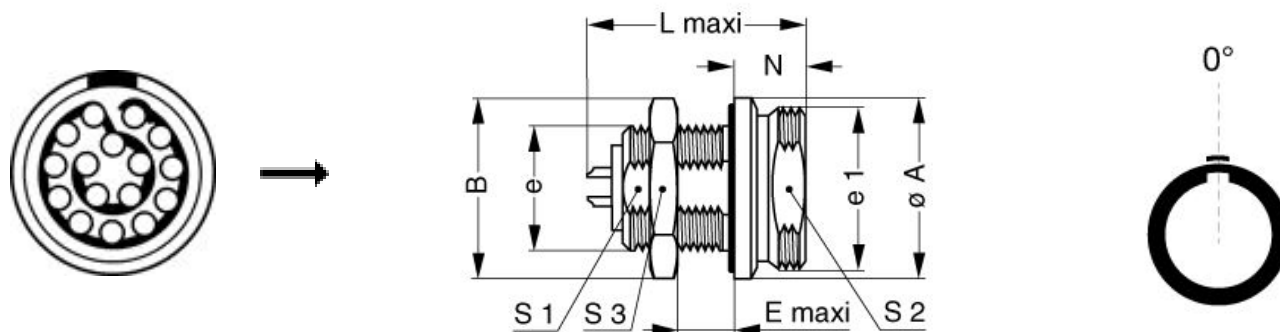
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 950 V (AC) 1300 V (DC)  
Vtest (contact-shell): 1250 V (AC) 1800 V (DC)

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## Others

Endurance (Shell): 1000 mating cycles  
 Temp (min / max): -20°C / +200°C  
 Humidity (max): <=95% [at 60 deg C / 140 F]  
 Climatical Category: 20/200/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr  
 Pressure: 30 bars

## DRAWINGS



## Dimensions











	A	B	E	L	N	S1	S2	S3	e	e1
mm.	22.5	21.8	9	30.7	9	14.5	18.5	19	M16x1.0	M20x1.0
in.	0,89	0,86	0,35	1,21	0,35	0,57	0,73	0,75		

## RECOMMENDED BY LEMO

### Tools

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## Cables

CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T28.059PGZE		Grey	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	
116080	PUR	Black	
116280	PVC	Black	
16050	PVC	Black	
216220	PVC	Black	
216240	PVC	Black	
216260	PVC	Black	
316250	PVC	Grey	

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