

## SUMMARY

### # Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	1W
Termination type	Male solder
IP rating	68
Cable Ø	6.10 - 6.50 mm
Status	active
Alternative part	
Matching parts	<a href="#">EVG.1W.305.CLL</a>

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FV*: Straight plug, cable collet
Keying	1 key (alpha=0; Plug: male contacts; Receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	30.13 g

### Performance

Configuration	1W.305 : 5 Low Voltage
Insulator	
Rated Current	9 Amps

### Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm <sup>2</sup> (AWG 22)

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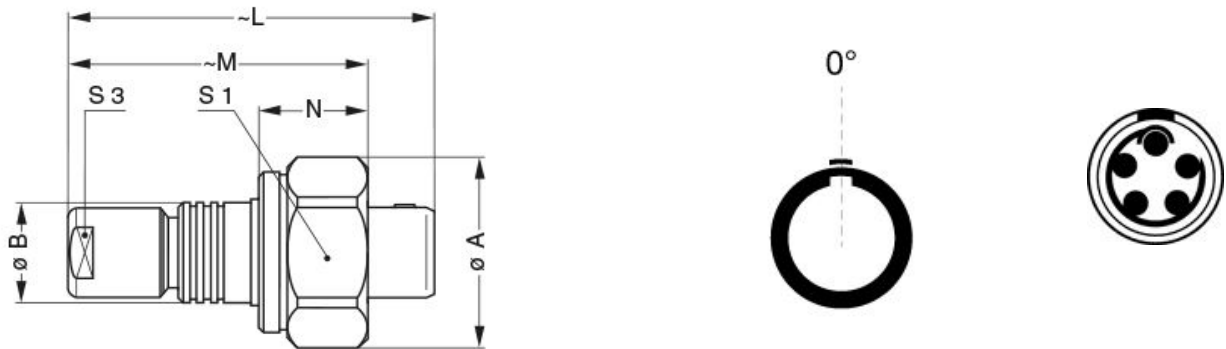
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-contact): 1250 V (AC) 1800 V (DC)  
Vtest (contact-shell): 1150 V (AC) 1600 V (DC)

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  
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	L	M	N	S1	S3
mm.	19.3	11.0	43.7	35.5	14.0	18	9
in.	0,76	0,43	1,72	1,40	0,55	0,71	0,35

RECOMMENDED BY LEMO

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**Tools**

None

**Cables**

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