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FVG.1W.308.CLAK80Z

SUMMARY

Wires

Low voltage	**8**

Image is for illustrative purpose only

Series	1W
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	7.60 - 8.00 mm
Status	active
Matching parts	EVG.1W.308.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FV_/K*: Straight plug, oversize cable collet
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	Z : Nut for fitting a bend relief
Weight	42.94 g

Performance

Configuration	1W.308 : 8 Low Voltage
Insulator	
Rated Current	5 Amps

Specifications

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

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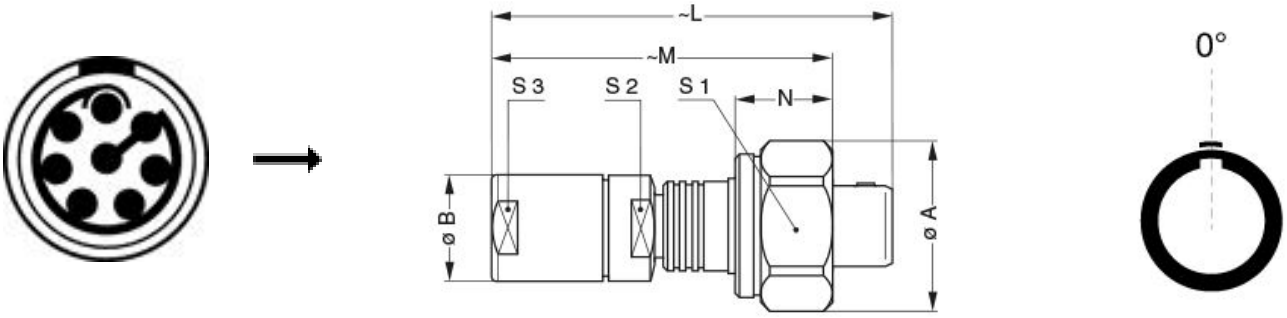
Vtest (contact-contact): 950 V (AC) 1300 V (DC)
Vtest (contact-shell): 1150 V (AC) 1600 V (DC)

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

DRAWINGS



Dimensions

	A	B	L	M	N	S1	S2	S3
mm.	19.3	14.5	56.5	48.3	14	18	12	12
in.	0,76	0,57	2,22	1,90	0,55	0,71	0,47	0,47

RECOMMENDED BY LEMO

Tools

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