

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	2W
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	28.00 - 20.00
Cable Ø	5.60 - 6.00 mm
Status	Active
Matching parts	EVG.2W.304.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FV_/Z*: Straight plug, cable collet and nut for fitting a bend relief
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	52.43 g

Performance

Configuration	2W.304 : 4 Low Voltage
Insulator	
Rated Current	15 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

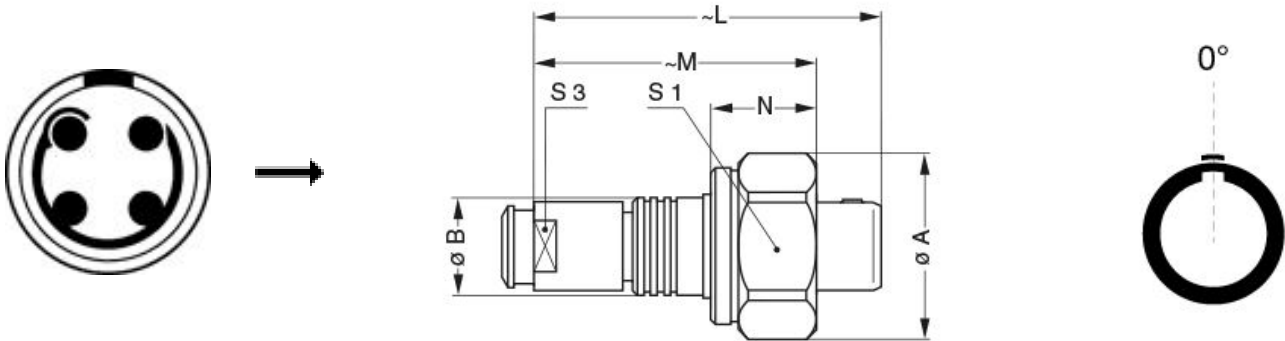
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Vtest (contact-contact): 1850 V (AC) 2600 V (DC)
Vtest (contact-shell): 1850 V (AC) 2600 V (DC)

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	S3
mm.	23.5	14	52.5	43	15.5	22	12
in.	0,93	0,55	2,07	1,69	0,61	0,87	0,47

RECOMMENDED BY LEMO

Tools

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