

SUMMARY

Wires

Low voltage 3

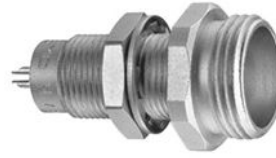


Image is for illustrative purpose only

Series 03
Termination type Female solder
IP rating 68
AWG wire size 34.00 - 28.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FVG.03.303.CLAC27](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HRG*: Fixed socket, key (G), hexagonal flange, nut fixing, no flats on fixing thread, watertight
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 4.52 g

Performance

Configuration 03.303 : 3 Low Voltage
Insulator
Rated Current

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.4 mm (0.016in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.05 mm² (AWG 30)

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R (max): 8.7 mOhm

Others

Temp (min / max): -20°C / +100°C

Humidity (max): <=95% [at 60 deg C / 140 F]

Climatical Category: 20/200/21

Shielding (min): 100 dB (10 MHz)

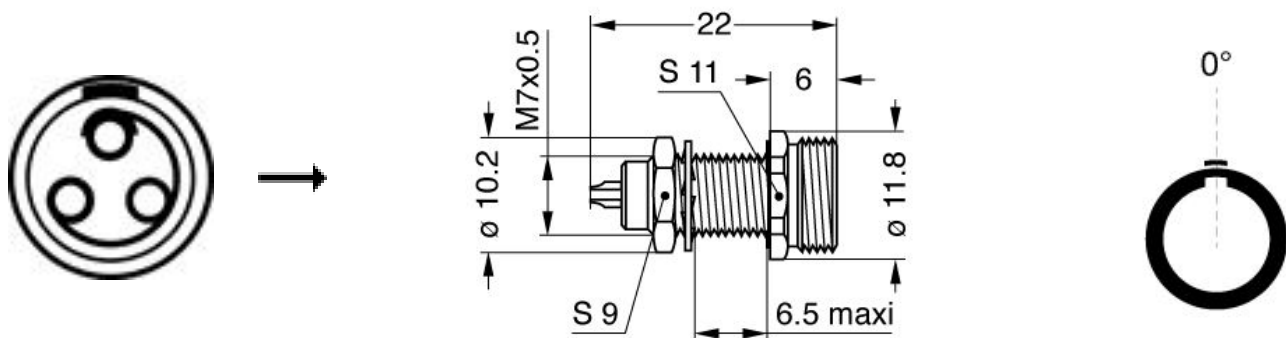
Shielding (min): 80 dB (1 GHz)

R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

Salt Spray Corrosion: >1000 hr

Pressure: 60 bars (120 bars with LEMO cable assembly)

DRAWINGS



Dimensions







	A	B	E	L	M	S1	S2	e
mm.	11.8	10.2	6.5	22	6	11	9	M7x0.5
in.	0,46	0,40	0,26	0,87	0,24	0,43	0,35	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
30110	PVC	Grey	
3041	PVC	Grey	
3050	PVC	Black	
3081	PVC	Black	
3280	PVC	Black	
60080	PVC	Grey	

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