

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 26.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PAG.M0.8GL.AC39A

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PL*: Fixed receptacle, nut fixing
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	A : Blue front nut
Weight	4.91 g

Performance

Configuration	1P.M08 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.0275in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.14 mm ² (AWG 26)
Max. Stranded Conductor: 0.14 mm ² (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

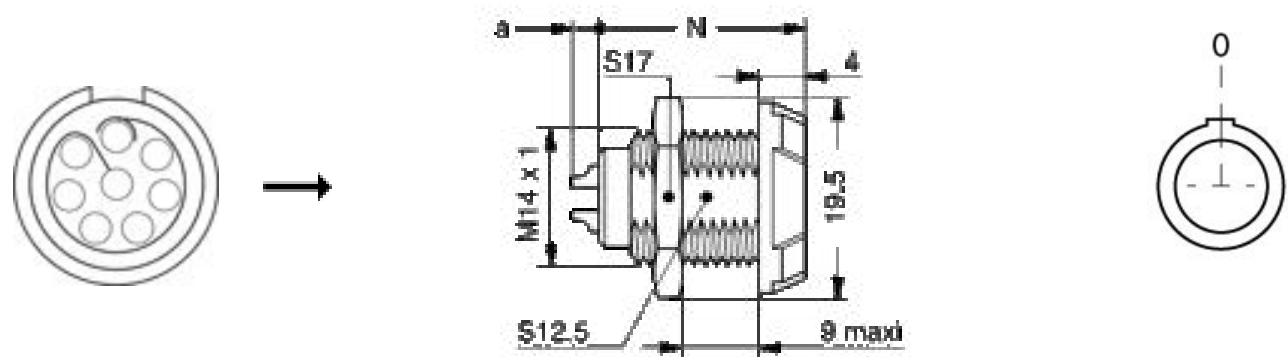
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Air clearance min.: 0.6 mm
Creepage distance min.: 0.6 mm

Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +150°C
- F ret (min): 50 N
- F ret (max): 150 N
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

	A	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

RECOMMENDED BY LEMO

Tools

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