

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	4.00 - 5.20 mm
Status	active
Matching parts	PAG.M0.7GL.AC52GZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PR*: Free receptacle with cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut for bend relief
Weight	4.63 g

Performance

Configuration	1P.M07 : 7 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

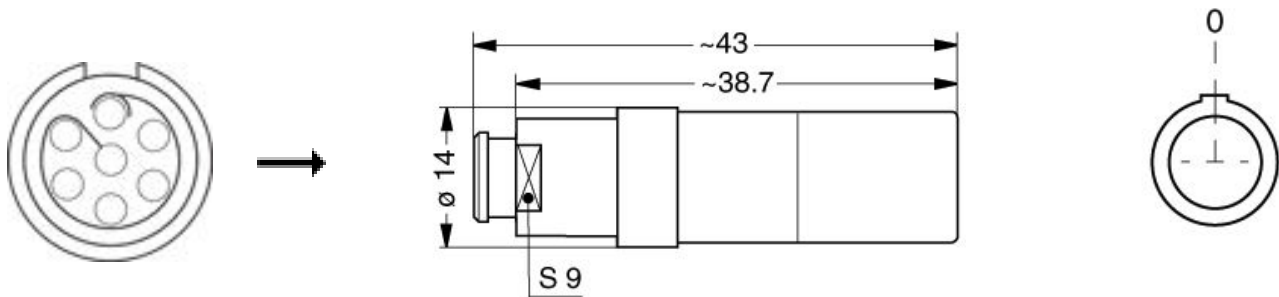
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Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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
mm.	14	43
in.	0,55	1,69

RECOMMENDED BY LEMO

Tools

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Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
70140	PVC	Grey	

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