

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 20.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	PAG.M0.2GL.AC65G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PR*: Free receptacle with cable collet
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut
Weight	4.36 g

Performance

Configuration	1P.M02 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	1.3 mm (0.0512in)
Bucket Dia.:	1.1 mm (0.04in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.5 mOhm
Test voltage (kV rms) Contact-contact:	1.2

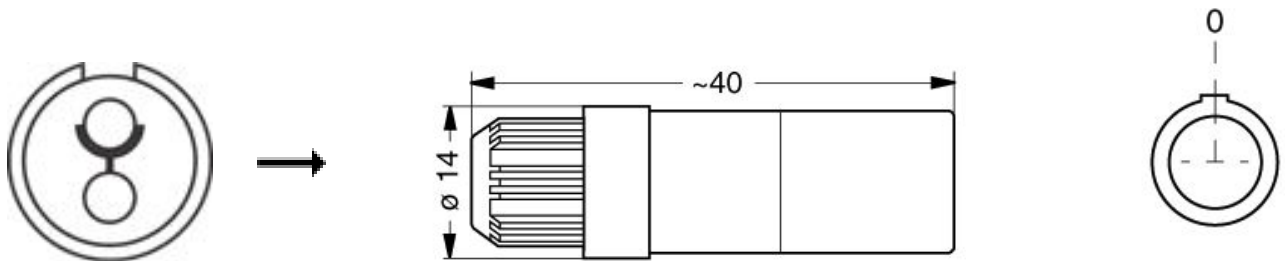
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Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 mm

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	40
in.	0,55	1,57

RECOMMENDED BY LEMO

Tools

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Cables

102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	Grey	

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