

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	1P
Termination type	Female crimp
IP rating	50
AWG wire size	0.00 - 18.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">PAG.M0.2GL.CC65G</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PT*: Fixed receptacle with two nuts and cable collet (back panel mounting)
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	G : Gray collet nut
Weight	6.68 g

### Performance

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

### Specifications

Contact Type: Crimp
Contact Retention: 20 N
Contact Dia.: 1.3 mm (0.0512in)
Min. Conductor: 0.5 mm <sup>2</sup> (AWG 20)
Max. Conductor: 1 mm <sup>2</sup> (AWG 18)
R (max): 3.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

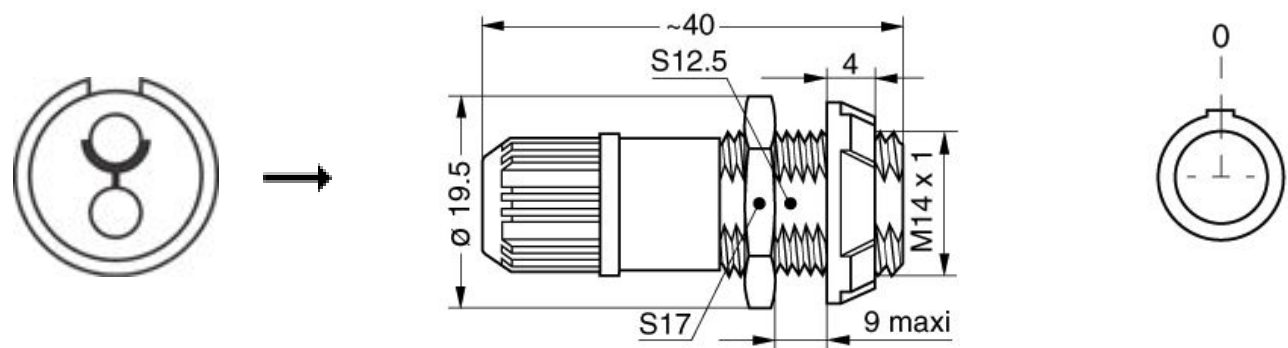
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Air clearance min.: 1.3 mm  
Creepage distance min.: 1.3 mm

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	N
mm.	19.5	40	22.2
in.	0,77	1,57	0,87

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 18-20/8-7  
Positionner: [DCE.91.130.BVM](#)

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Extractor:

[DCF.91.131.2LT](#)

Replacement contact: SINGLE: EGG.0B.667.ZZM KIT OF 2: PKG.667.02M

Cables

CMN.02.T18.064UNCU			
102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	Grey	

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