

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 26.00
Cable Ø	5.30 - 6.50 mm
Status	obsolete
Alternative part	<a href="#">PAG.M0.8TL.AC65NZ</a>
Matching parts	<a href="#">PKG.M0.8TL.NZ</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PEI (Polyetherimide), black
Weight	5.29 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 <sup>2</sup> (AWG 26)
Max. Stranded Conductor:	0.14 mm <sup>2</sup> (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05
Air clearance min.:	0.6 mm
Creepage distance min.:	0.6 mm

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## Others

Endurance (Shell): >2000 mating cycles

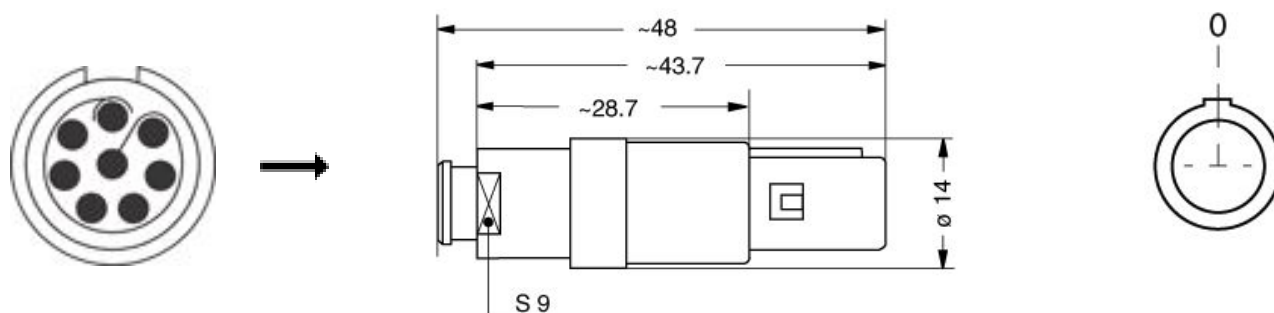
Temp (min / max): -50°C / +170°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

## DRAWINGS



## RECOMMENDED BY LEMO

### Tools

### Cables

16080	PVC	Grey	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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