

## SUMMARY

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	1P
Termination type	Female solder
IP rating	50
Cable Ø	5.30 - 6.50 mm
Status	obsolete
Alternative part	PRG.M1.0GL.LC65GZ

## 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), grey
Variant	
Weight	5.05 g

### Performance

Configuration	1P.M10 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	3 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.0201in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)

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R (max): 8.5 mOhm  
Test voltage (kV rms) Contact-contact: 0.85  
Air clearance min. (mm) or Creepage distance min. (mm): 0.45

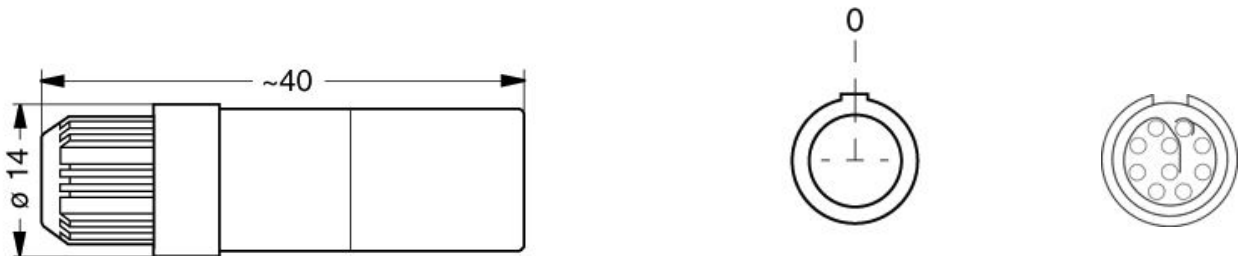
## Others

Endurance (Shell): >2000 mating cycles  
F ret (min): 50 N  
F ret (max): 150 N  
Steam sterilization: > 100 times (with potting on rear connection)  
IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	L
mm.	14	40
in.	0,55	1,57

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## RECOMMENDED BY LEMO

### Tools

None

### Cables

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CMN.10.T28.053QGZE	TPR (medical)	Grey	
110 280	PVC	Black	

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