

SUMMARY

Wires

Low	4
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	Male solder
IP rating	50
Cable Ø	4.00 - 5.20 mm
Status	active
Alternative part	
Matching parts	PLG.M0.4GL.LV

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	PSU (Polysulfone), grey
Variant	V : Green collet nut for bend relief
Weight	5.06 g

Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	8 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)

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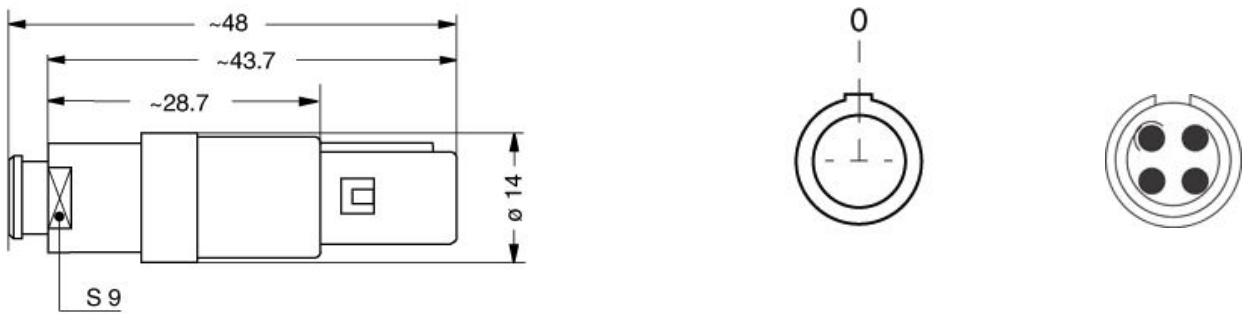
Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 4.5 mOhm
 Test voltage (kV rms) Contact-contact: 1.2
 Air clearance min. (mm) or Creepage distance min. (mm): 1.2

Others

Endurance (Shell): >2000 mating cycles
 F ret (min): 50 N
 F ret (max): 150 N
 R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
 Steam sterilization: > 100 times (with potting on rear connection)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	S1
mm.	14	48	S9
in.	0,55	1,89	












RECOMMENDED BY LEMO

Tools

Spanner: DCP.91.001.TN

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Cables

CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T22.047PGZE		Grey	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	Grey	
004 080	PVC	Grey	
004 221	PVC	Black	
004 280	PVC	Black	
040 140	PVC	Black	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	

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