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PFC.M0.7SL.AC39JZ

SUMMARY

Wires

Low voltage	**7**



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	64
AWG wire size	0.00 - 0.00
Cable Ø	2.70 - 3.90 mm
Status	active
Matching parts	PNC.M0.7SL.LJ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PF*: Straight plug with cable collet and nut for fitting a bend relief, watertight
Keying	2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)
Housing Material	PEI (Polyetherimide), gray
Variant	J : Yellow collet nut for bend relief
Weight	4.66 g

Performance

Configuration	1P.M07 : 7 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^2 (AWG 26)
Max. Stranded Conductor: 0.14 mm^2 (AWG 26)
R (max): 6.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

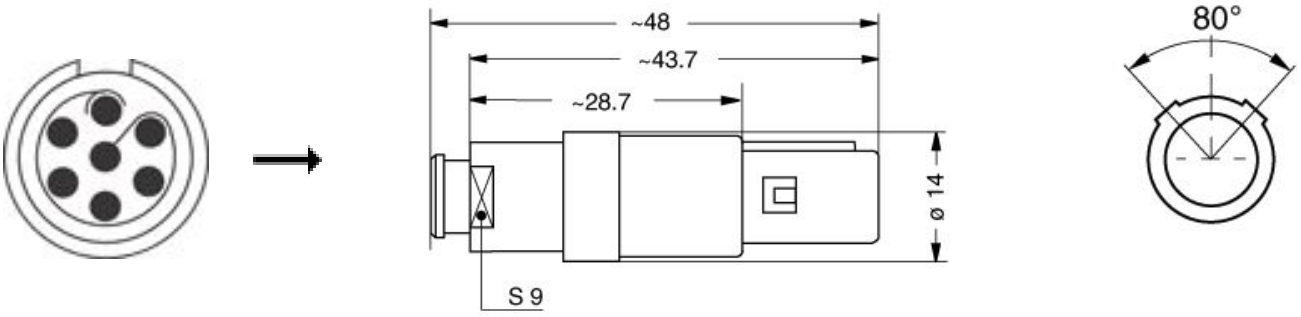
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Air clearance min.: 0.85 mm
Creepage distance min.: 0.85 mm

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

CMN.07.T26.037QGZE	TPR (medical)	Grey	
7041	PVC	Grey	
7050	PVC	Black	

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