

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PAH.M1.4GL.LC65R

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PY*: Fixed receptacle, snap-on mounting
Keying	2 keys (beta=170; plug: female contacts, receptacle: male contacts)
Housing Material	PSU (Polysulfone), gray
Variant	R : Red outer shell
Weight	2.91 g

Performance

Configuration	1P.M14 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 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 ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.5 mOhm
Test voltage (kV rms) Contact-contact:	0.6

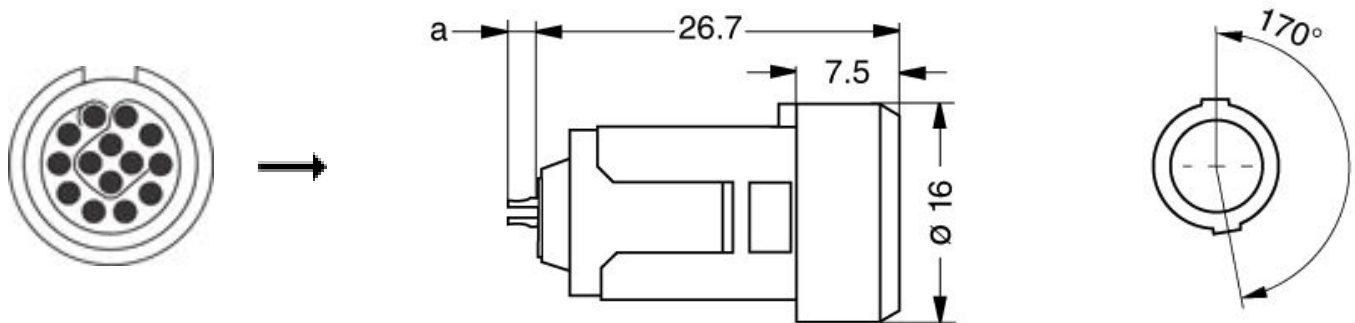
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Air clearance min.: 0.5 mm
Creepage distance min.: 0.5 mm

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	a
mm.	16	26.7	2.5-4.0
in.	0,63	1,05	0,10

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Tools

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