

## SUMMARY

### # Wires

Low voltage	14
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*Image is for illustrative purpose only*

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">PAG.M1.4GL.AC39J</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PY*: Fixed receptacle, snap-on mounting
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	J : Yellow outer shell
Weight	3.65 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 <sup>2</sup> (AWG 28)
Max. Stranded Conductor: 0.09 mm <sup>2</sup> (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.6

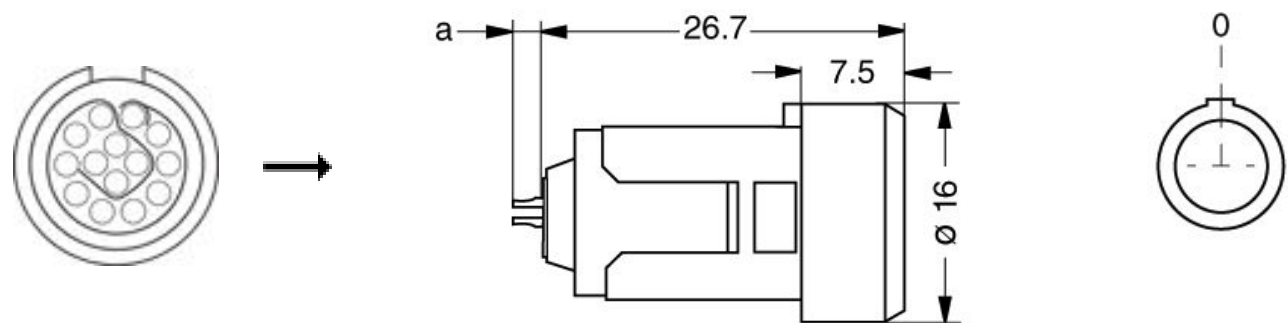
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Air clearance min.: 0.5 mm  
Creepage distance min.: 0.5 mm

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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