

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Male special long contacts
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.30 - 6.50 mm
Status	active
Matching parts	<a href="#">PLG.M0.6NY.YN</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PA*: Straight plug with cable collet
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), black
Variant	N : Black collet nut
Weight	5.22 g

### Performance

Configuration	1P.M06_Y : 4 (0.5 mm) + 2 (1.3 mm) Low Voltage
Insulator	
Rated Current	10 Amps

### Specifications

Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

### Others

Endurance (Shell): >2000 mating cycles

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Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

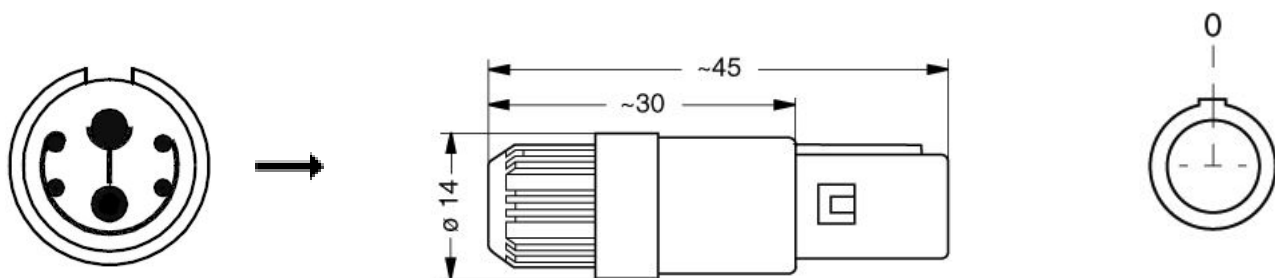
2 contacts (1.3 mm) 1.2kV (IEC 60512-2 test 4A) / 10 Amp (IEC 60512-3 test 5A) □

4 contacts (0.5 mm) 1.2kV (IEC 60512-2 test 4A) / 1 Amp (IEC 60512-3 test 5A) □

Steam sterilization: > 100 times (with potting on rear connection)

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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