

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series	1P
Termination type	Female solder
IP rating	64
AWG wire size	0.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">PFG.M0.5TL.AC39NZ</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PN*: Fixed receptacle, nut fixing, watertight
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PEI (Polyetherimide), black
Variant	N : Black front nut
Weight	5.50 g

### Performance

Configuration	1P.M05 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05

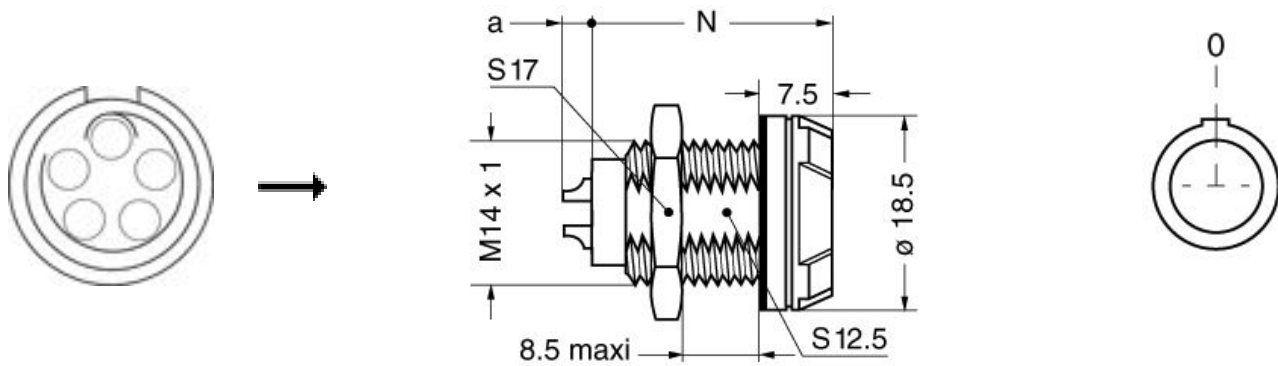
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Air clearance min.: 0.8 mm  
Creepage distance min.: 0.8 mm

## 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



## Dimensions

	N	a
mm.	23.3	2.5-4.5
in.	0,92	0,10

## RECOMMENDED BY LEMO

## Tools

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