

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Male crimp
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	2.70 - 3.90 mm
Status	active
Matching parts	PLG.M0.6GL.MG

Download

[Request a quote](#)

[Catalog](#)

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), gray
Variant	G : Gray collet nut

Performance

Configuration	1P.M06 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

Specifications

Contact Type:	Crimp
Contact Retention:	26 N
Contact Dia.:	0.7 mm (0.0275in)
Min. Conductor:	0.14 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05
Air clearance min.:	1.2 mm
Creepage distance min.:	1.2 mm

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Others

Endurance (Shell): >2000 mating cycles

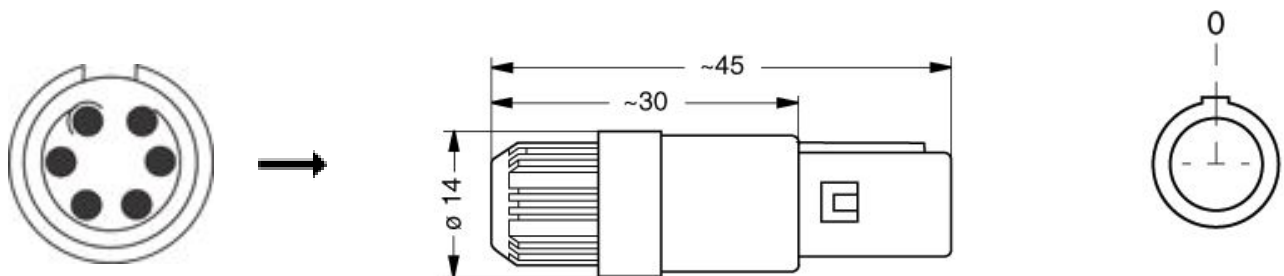
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

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

DRAWINGS



RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.075.BVD](#)

Extractor: [DCF.91.073.5LT](#)

Replacement contact: SINGLE: FGG.5B.555.ZZD KIT OF 6: PAG.557.06C

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

[PAG.M0.6GL.CC39G](#)