

SUMMARY

Wires

Low voltage 16



Image is for illustrative purpose only

Series SP
Termination type Female crimp
IP rating 50
AWG wire size 32.00 - 28.00
Cable Ø 6.60 - 7.50 mm
Status active

Download

[Request a quote](#)
[Eplan](#)
[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model SA/Z*: Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Keying 3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material Proprietary sulfone, gray
Variant NZ : Black collet nut for bend relief
Weight 6.83 g

Performance

Configuration SP.M16 : 16 Low V.
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3.0 Amps

Specifications

Contact Type: Crimp
Contact Dia.: 0.5 mm (0.0196in)
Min. Conductor: 0.03 mm² (AWG 32)
Max. Conductor: 0.12 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 1.30

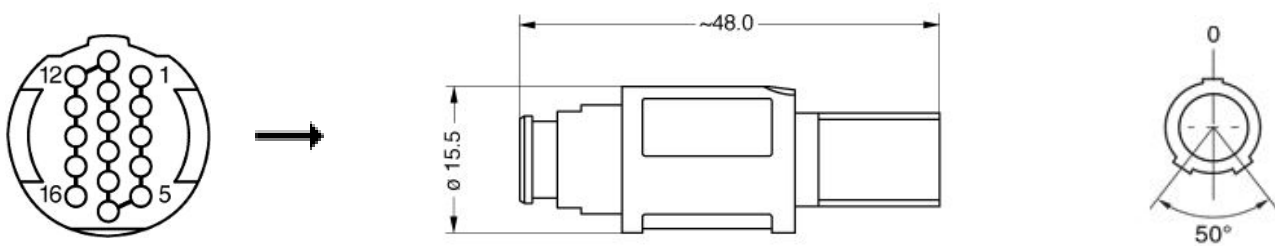
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

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

DRAWINGS



Dimensions

	A	L
mm.	15.5	48
in.	0,61	1,89

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 28-30-32/4-3-3
Positionner: [SOE.050.VM](#)
Replacement contact: SLN.605.ZZM

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.

Cables

CMN.16.T28.070NNZZ			
--------------------	--	--	--

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.