

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series 4K
Termination type Male crimp
IP rating 68
AWG wire size 20.00 - 18.00
Cable Ø 14.10 - 15.00 mm
Status active
Matching parts [EGG.4K.312.CYM](#)

Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight 133.60 g

Performance

Configuration 4K.312 : 12 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 12 Amps

Specifications

Contact Type: Crimp
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.6 mOhm
Vtest (contact-shell): 1850 V (AC), 2600 V (DC)

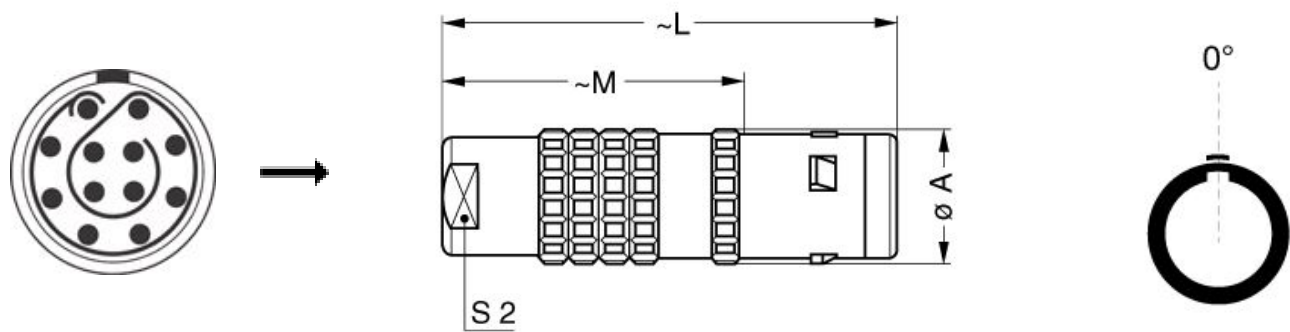
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO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

Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -55°C / +200°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 95 dB (10 MHz)
- Shielding (min): 80 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	25	71	50.5	19
in.	0,98	2,80	1,99	0,75

RECOMMENDED BY LEMO

Tools

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.

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 18-20/8-7
Positionner:	DCE.91.134.BVC
Extractor:	DCF.91.133.5LT
Replacement contact:	FGG.4B.565.ZZC
Spanner wrench:	DCD.4E.050.PA190
Caps:	BFG.4K.100.NAS

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.