

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	4K
Termination type	Female crimp
IP rating	68
AWG wire size	14.00 - 10.00
Cable Ø	15.60 - 16.50 mm
Status	active
Matching parts	EGL.4K.304.CYC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with oversize cable collet
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male 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	239.52 g

Performance

Configuration	4K.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	30 Amps

Specifications

Contact Type: Crimp
Contact Retention: 75 N
Contact Dia.: 3 mm (0.118in)
Bucket Dia.: 2.9 mm (0.114in)
Min. Conductor: 2.5 mm² (AWG 14)
Max. Conductor: 4 mm² (AWG 10)
R (max): 3.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

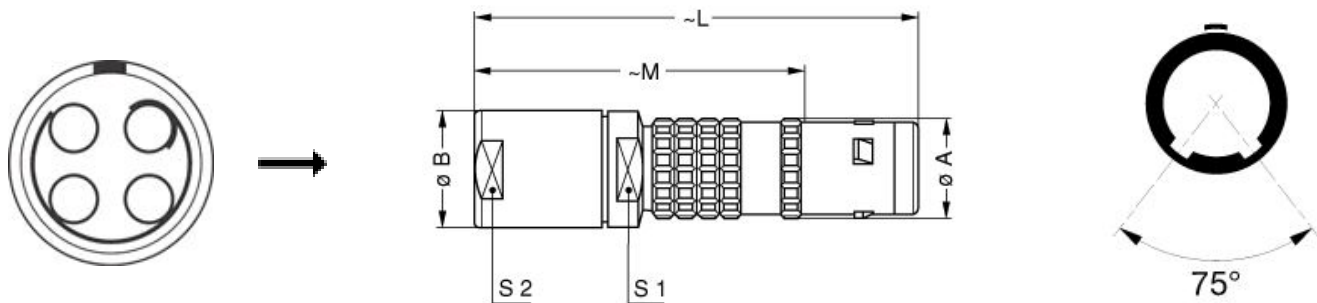
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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	B	L	M	S1	S2
mm.	25	36	119.5	99	30	32
in.	0,98	1,42	4,70	3,90	1,18	1,26

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.102.V](#)
Crimp settings: AWG/Selector = 10-12-14/3-1-1
Positionner: [DCE.91.304.BVCM](#)
Extractor: [DCF.91.303.5LT](#)
Replacement contact: EGG.4B.680.ZZM
Spanner wrench: [DCD.4E.050.PA190](#)

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