

## SUMMARY

### # Wires

Low voltage 20



*Image is for illustrative purpose only*

Series	4K
Termination type	Female crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	8.60 - 9.00 mm
Status	active
Matching parts	<a href="#">FGG.4K.320.CYBC90</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, 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	168.62 g

### Performance

Configuration	4K.320 : 20 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	8 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	30 N
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.8 mOhm
Vtest (contact-shell):	950 V (AC), 1340 V (DC)

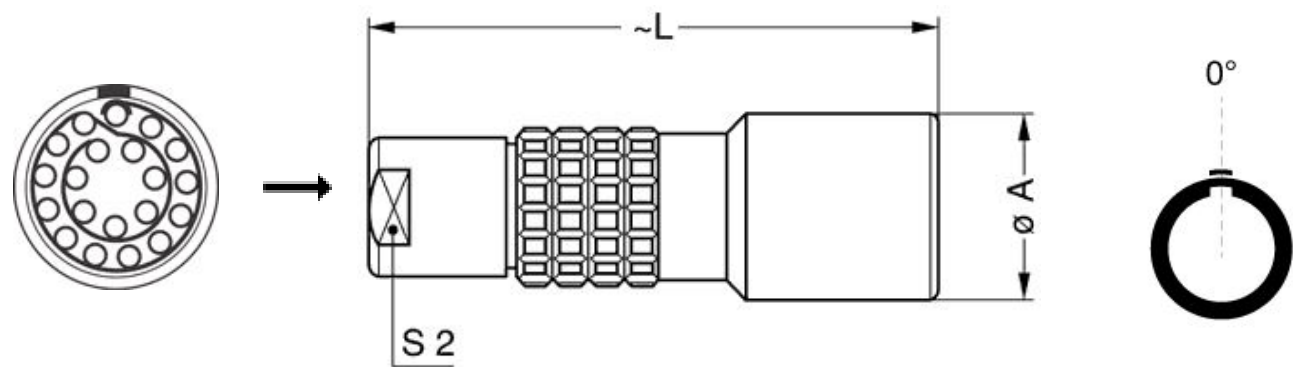
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Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

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	S2
mm.	29	75.5	19
in.	1,14	2,97	0,75

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#">DCE.91.094.BVM</a>
Extractor:	<a href="#">DCF.91.093.5LT</a>
Replacement contact:	EGG.4B.661.ZZM
Spanner wrench:	<a href="#">DCD.4E.050.PA190</a>

Cables

420250	PVC	Grey	
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