

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

Series	OK
Termination type	Female crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	4.10 - 4.50 mm
Status	active
Matching parts	<a href="#">FGG.0K.303.CYCC45</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

### Performance

Configuration	OK.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	8 Amps

### Specifications

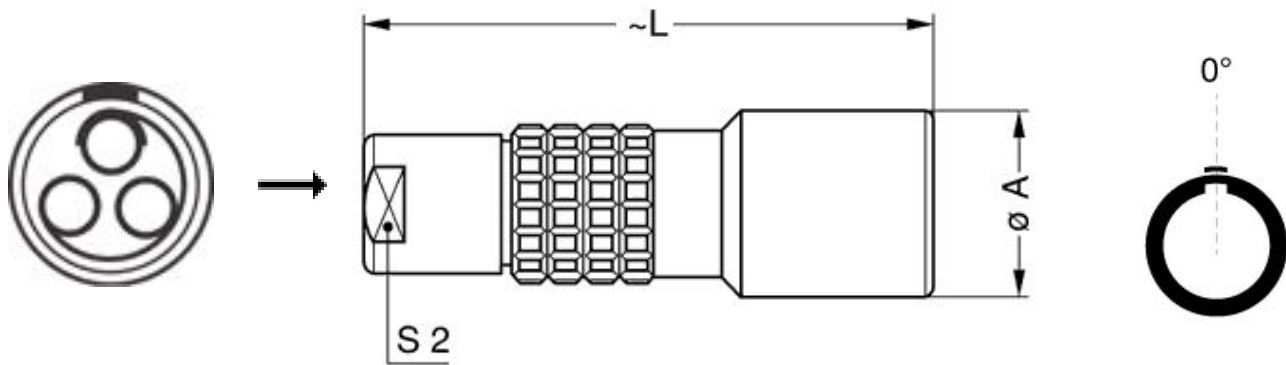
Contact Type:	Crimp
Contact Retention:	30 N
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.1 mm (0.043in)
Min. Conductor:	0.25 mm <sup>2</sup> (AWG 24)
Max. Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	4.8 mOhm
V <sub>test</sub> (contact-shell):	1600 V (AC), 2300 V (DC)
V <sub>test</sub> (contact-contact):	1700 V (AC), 2400 V (DC)

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## 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.	13	34	8
in.	0,51	1,34	0,31

## RECOMMENDED BY LEMO



### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: [DCE.91.070.BVM](#)  
 Extractor: [DCF.91.090.2LT](#)  
 Replacement contact: EGG.0B.660.ZZM  
 Spanner wrench: [DCD.0E.007.PA080](#)

## Cables

130250	PVC	Grey	
30260	PVC	Black	
3280	PVC	Black	

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