

## SUMMARY

### # Wires



Low voltage	4
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*Image is for illustrative purpose only*

Series	0K
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	<a href="#">FGA.0K.304.CLAK50Z</a>
Matching parts	<a href="#">EGA.0K.304.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=30, 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
Variant	Z : Nut for fitting a bend relief
Weight	12.05 g

### Performance

Configuration	0K.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm

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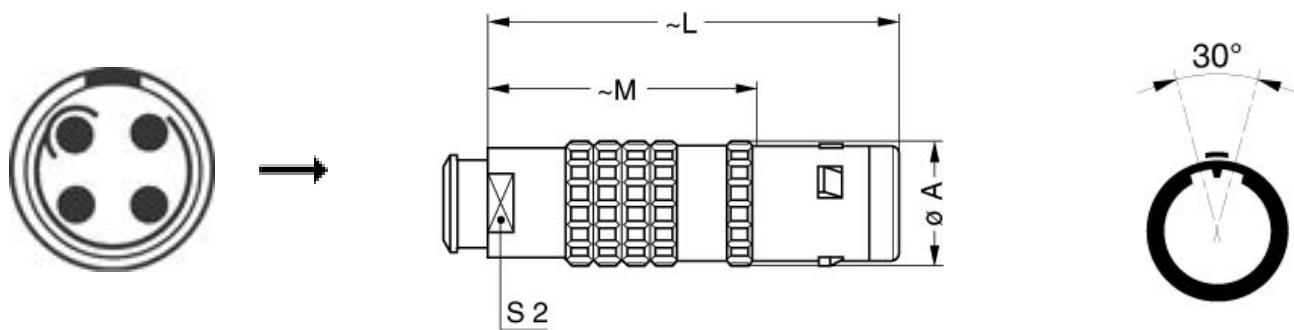
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

## 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

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## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	11	34	23	7
in.	0,43	1,34	0,91	0,28

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## RECOMMENDED BY LEMO

### Tools

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Spanner wrench:

[DCD.0E.007.PA070](#)

## Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4221	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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