

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	OK
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	3.60 - 4.00 mm
Status	obsolete
Alternative part	<a href="#">FPG.0K.304.CLAC40Z</a>
Matching parts	<a href="#">EGG.0K.304.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	18.04 g

### Performance

Configuration	OK.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

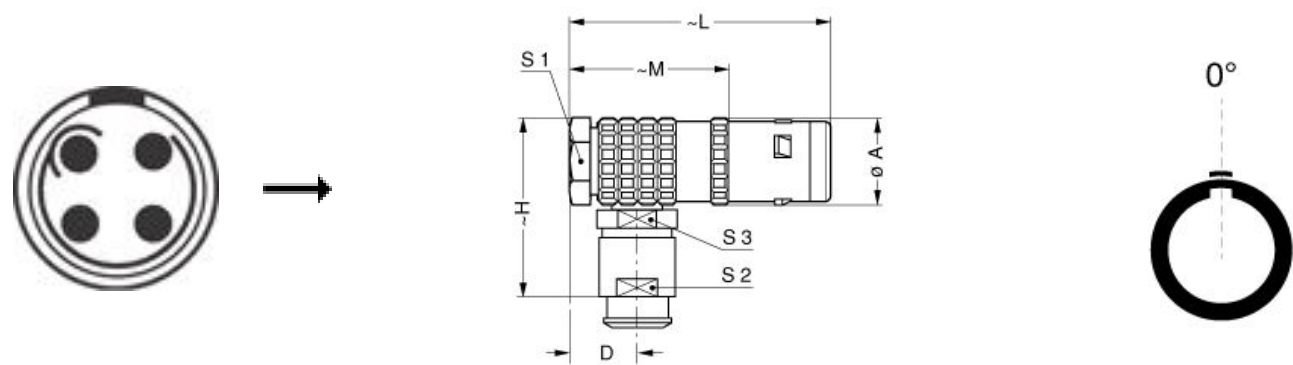
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Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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

DRAWINGS



Dimensions

	A	D	L	M	S1	S2	S3
mm.	11.5	7.6	36	25	10	8	8
in.	0,45	0,30	1,42	0,98	0,39	0,31	0,31



RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.OE.007.PA070](#)

Cables

40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	

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