

## SUMMARY

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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### Series

Termination type	Male crimp
IP rating	68
Cable Ø	8.10 - 8.50 mm
Matching parts	EGG.1K.310.CLL
Status	
Alternative part	

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 8.1 - 8.5 mm
Variant	Z : Nut for fitting a bend relief

### Performance

Configuration	1K.310 : 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 12 N
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm <sup>2</sup> (AWG 32)

Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 1800 V (AC), 2550 V (DC)  
 Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

## Others

Humidity (max): <=95% [at 60 deg C / 140 F]  
 Vibration: 15 g [10 Hz - 2000 Hz]  
 Shock Resistance: 100 g [ 6 ms]  
 Salt Spray Corrosion: >1000 hr  
 Climatological Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	D	L	M	S1	S2	S3
mm.	14	8.8	43	29	12	9	10
in.	0,55	0,35	1,69	1,14	0,47	0,35	0,39

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
 Crimp settings: AWG/Selector = 28-30-32/4-3-3  
 Positionner: DCE.91.051.BVC

Extractor: DCF.91.050.2LT  
Replacement contact: FGG.1B.554.ZZC  
Spanner wrench: DCD.1E.008.PA090

## Cables