

# FHG.1K.310.CYCK85Z

# SUMMARY

### # Wires

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



Image is for illustrative purpose only

riax	0	Download
uad	0	Request a quote
iber	0	Catalog
luidic	0	

#### Series

Termination type	Male crimp
IP rating	68
Cable Ø	8.10 - 8.50 mm
Matching parts	EGG.1K.310.CLL
Status	active
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: 3000 Contact Retention: 12 N

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

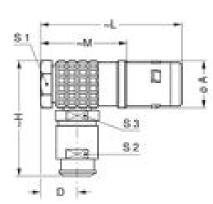
Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in) Min. Conductor: 0.035 mm^2 (AWG 32) Max. Conductor: 0.09 mm^2 (AWG 28) R (max): 8.7 mOhm Vtest (contact-shell): 1800 V (AC), 2550 V (DC) Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

### 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 Climatical Category: 50/175/21 Shielding (min): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz) IP Rating: 68

# **DRAWINGS**

#### Draws







#### Dimensions

	А	D	L	м	S1	S2	\$3
mm.	14	8.8	43	29	12	9	10
in.	0,55	0,35	1,69	1,14	0,47	0,35	0,39

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# **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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.