

www.lemo.com

FPA.1B.314.CLAD72

SUMMARY

Wires

Fluidic

 Low
 14

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 6.30 - 7.20 mm

Matching parts EGA.1B.314.CLL

Status active

Alternative part



Image is for illustrative purpose only

Download

Request a quote

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FP*: Elbow (90°) plug with cable collet

Keying 2 keys (alpha=30, 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 D72: 6.3 - 7.2 mm

Variant

Weight 21.14 g

Performance

Configuration 1B.314: 14 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 2 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.5 mm (0.02in)

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.

Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm² (AWG 28) Max. Stranded Conductor: 0.09 mm² (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

Temp (min / max): -55°C / +250°C

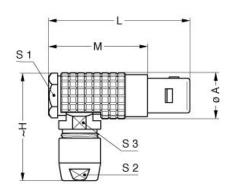
Humidity (max): <=95% [at 60 deg C /140 F]

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): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	Н	L	М	S1	S2	S 3
mm.	12	29	36	25	11	9	10
in.	0,47	1,14	1,42	0,98	0,43	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

Spanner wrench: DCD.1B.015.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.