

HEG. 1B. 316. CLLPV

SUMMARY

Wires

 Low
 16

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

Series 1B

Termination type Female solder

IP rating 68

Cable Ø 0.00 - 0.00 mm

Matching parts FGG.1B.316.CLAD42Z

0

Status active

Alternative part

Fluidic



Image is for illustrative purpose only

Download

Request a quote

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)

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 : 0 - 0 mm

Variant PV: Watertight / Vacuum-tested

Weight 13.27 g

Performance

Configuration 1B.316: 16 Low Voltage

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

Rated Current 1.5 Amps

Specifications

Contact Type: Solder Max. Matings: 3000

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)

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

R (max): 8.7 mOhm

Vtest (contact-shell): 1250 V (AC), 1770 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

Temp (min / max): -20° C / $+80^{\circ}$ C

Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

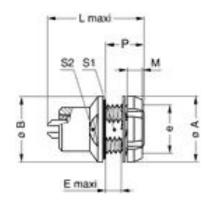
Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Salt Spray Corrosion: >144 hr Climatical Category: 20/80/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

Pressure: 60 bars IP Rating: 68

DRAWINGS

Draws







Dimensions

	А	В	E	L	М	Р	S1	e
mm.	16	18	5.5	26.6	3.5	11.0	10.5	M12x1.0
in.	0,63	0,71	0,22	1,05	0,14	0,43	0,41	

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

None

Cables

CMN.16.B22.084PG3Z		Grey	
CMN.16.T28.059PGCE	PVC	GREY	
CMN.16.T28.059PGZE		Grey	>
CMN.16.T28.059PNCE	PVC	Black	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	>
016 050	PVC	Black	
116 080	PUR	Black	
116 280	PVC	Black	THE STATE OF THE S

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.