

www.lemo.com

# FPG.0B.302.CLAD52

## **SUMMARY**

#### # Wires

 Low
 2

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 0B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.0B.302.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 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** D52: 4.3 - 5.2 mm

Variant

Weight 11.00 g

#### **Performance**

Configuration OB.302: 2 Low Voltage

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

Rated Current 10 Amps

#### **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in)

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.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22) Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Switch Rating: 0

#### **Others**

Temp (min / max):  $-55^{\circ}$ C /  $+250^{\circ}$ C

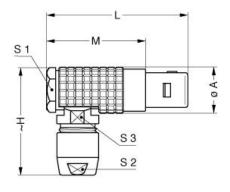
Humidity (max): <=95% [at 60 deg C /140 F]

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	<b>S</b> 3
mm.	9.5	23	30	20	8	7	8
in.	0,37	0,91	1,18	0,79	0,31	0,28	0,31

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.0B.005.PA070

#### **Cables**

CMN.02.T22.047PGCE	PVC	GREY	~
CMN.02.T22.047PGZE		Grey	
CMN.02.T22.047PNCE	PVC	Black	= =====
CMN.02.T22.047PNZE			
002 221	PVC	Black	
004 082	PVC	Grey	
120 240	PVC	Black	-
120 250	PVC	Grey	~