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## 4 Ch. , BNC Termination Box, Model 751

### Main Characteristics

- 4 differential channels
- Polycarbonate IP66/67 Box (NEMA 1, 4, 4X,6)
- Compatible with all 2 wires sensor
- Isolated BNC output
- Spring cage terminal block input
- PCB grounding plate connected to din rail

### Description



Model 751.01-04-02(LH)-1

The VibraSens BNC termination box collect data for permanently installed vibration sensors. Pigtails (signal, common and shield) sensor cables are attached to spring cage terminal block. Data collection equipment with the sensor excitation power are mounted to BNC jack connectors. BNC interface unit do not supply sensor excitation. Vibrasens offer a large choice of enclosure (polycarbonate, polyester, AISI 316L stainless steel, ..) to be sure it will perfectly fit your application.

### Typical applications

BNC termination box is installed in a convenient centralized location away from noisy or unsafe environment where portable collector can record the sensor reading. Simply connect a data collector with sensor excitation power to the BNC jack of the sensor channel of interest to access that sensor's measurement signal

### Box introduction

Enclosures offer protection against the possible splashing of oil, water or corrosive substances encountered in severe industrial environments, such as off-shore or petrochemical application. These splash-proof enclosure are used for the mechanical and environmental protection of our BNC interface unit

### Polycarbonate Box

Polycarbonate enclosures offer the following benefits :

- Better impact resistance than polyester.
- Better corrosion resistance than painted steel or stainless steel.
- Isolation of the electronic circuit preventing earth loop problems.
- standard industrial environment

### Polyester Box

Polyester enclosures offer the following benefits :

- Better chemical resistance than polycarbonate
- Isolation of the electronic circuit preventing earth loop problems.
- recommended for petrochemical application

### Stainless steel Box

Stainless steel enclosures offer the following benefits :

- Better impact resistance than polyester or polycarbonate
- Good chemical resistance
- recommended for pulp and paper application

### Ordering information

To order, specify model number :

**751.01 - AA - BB (Suffix) - C**      4 CH., BNC termination box

#### AA : Channels

04 : 4 Channels

#### BB : Box

02 : Polycarbonate enclosure

Suffix : LH = Left Hinge, TH = Top Hinge, RH = Right Hinge

32 : Polyester

42 : Polyester, Atex approved

62 : Stainless steel (AISI316L)

99 : To be defined by customer

#### C : Stuffing glands

0 : Not installed

1 : installed (indicate diameter and number of cables)

### Special engraving

Add Zxx at the end of the part number.

XX is a number supplied by VibraSens.

### Popular model (in stock) : 751.01-04-02(LH)-1

### Ordering example

**751.01 - 04 - 02 (LH) - 1**      4 CH., BNC termination box,  
4 cables dia 5.5 mm

## SPECIFICATIONS

### BNC Module

See datasheet for model ..... 301

### Physical

Weight gr (oz)

BB=02 ..... 300

### Environmental

Temperature :

Operating continuous ..... -40 to +85 °C

### Enclosure BB=02

#### Dimensions & Weight

LxWxH mm (inch) ..... 130x80x60 (5.1x3.1x2.3) see fig 1

Weight gr (Oz) ..... 180 (6.4)

#### Materials

Material ..... Polycarbonate

Base and cover color ..... RAL 7035

Cover screw (color) ..... Polyamide (Grey)

Gasket material ..... TPE Polyurethane

#### Environmental

Temperature :

