



## EC DECLARATION OF CONFORMITY

We, the undersigned,

Manufacturer            HOKUYO AUTOMATIC CO., LTD  
Address, City            Osaka HU Building, 2-2-5 Tokiwamachi, Chuo-ku, Osaka 540-0028  
Country                 Japan

certify and declare under our solo responsibility that the following apparatus:

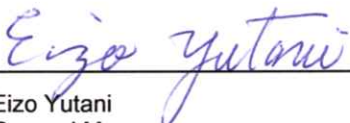
Description            Obstacle Detection Sensor  
Manufacturer           HOKUYO AUTOMATIC CO., LTD  
Identification           PBS Series

confirms with the essential requirements of the EMC Directive 2004/108/EC, based on the following specifications applied;

- EN 61326-1:2006

Done at Osaka, Japan

On December.22.2009

  
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Eizo Yutani  
General Manager  
Quality Department



# 1. GENERAL DESCRIPTION OF APPARATUS

## 1-1. Name

Obstacle Detection Sensor

## 1-2. Model Designation

PBS-03JN	PBS-03JN-01	PBS-03JN-03
PBS-03JN-05	PBS-03JN-06	PBS-03JN-07
PBS-03JN-A	PBS-03JN-B	PBS-03JN-E
PBS-03JN-S		
PBS-03JN-C	PBS-03JN-C02	PBS-03JN-C03
PBS-03JN-B01	PBS-03JN-V01	PBS-03JN-Z01
PBS-03JNP		
PBS-03JT		
PBS-03RN	PBS-03RN-01	PBS-03RN-02
PBS-03RN-03		

-Details of models in the series are shown in the Nomenclature attached in the next page.

-Differences between models are also shown in the Nomenclature in the next page.

## Nomenclature and differences

**PBS - 03 - JN - 05**  
**I      II      III      IV**

**I. Series Designation**

**II. Detection Area :** 0.2 to 3m

**III. Detection Mode**

	Detecting object	Detection-output	Output system
<b>JN</b> :	white paper	OFF	NPN
<b>JNP</b> :	white paper	OFF	PNP
<b>JT</b> :	white paper	ON	NPN
<b>RN</b> :	reflecting	OFF	NPN

**IV. Customer Code (option)**

**None:**

**Two digits:** 01 to 99

**One letters:** A, B, C and S

Except that C means synchronous detecting function.

**One letter and two digits:** V01, B01, Z01, C02, C03

**1-3. Description of function/ use of apparatus**

These devices measure the distance the obstacle with scanning of stepping motor and execute the output if obstacle exists in the setting area.

These devices are not for personal protective use in accordance with safety of machinery standards.

**1-4. Intended operating environment/Limitation of use**

1) This equipment is installed in the indoor automatic guided vehicle used in the industrial environment.

2) Any installation, modifications or maintenance procedure which are not in full accordance with our instruction would nullify our CE Mark and could lead to prosecution.