

# PCS104 Pressure Switches

## Features

- 1 million mechanical life and high reliability
- Short action time and high sensitivity
- High pressure resistance and high safety
- Pressure value can be adjusted and free connector
- More shell types/pressure range/thread types/diaphragm types can be selected, which is suitable for more use occasions and has high adaptability
- Oil, water gas and other mediums can be controlled

## Applications

- Construction machinery, such as excavators, forklift truck )
- Hydraulic system, such as hydraulic lubrication pump and hydraulic pump station

### Notes:

- 1 Do not touch the diaphragm with hard objects, which may cause damage to the diaphragm.
- 2 Please read the Instruction Manual of the product carefully before installation and check the relevant information of the product.
- 3 Strictly follow the wiring method for wiring, otherwise it may cause product damage or other potential faults.
- 4 Misuse of the product may cause danger or personal injury.



## Product overview

In the industrial and automotive fields, a certain pressure value is usually set for the equipment. When the pressure value is reached, the system will send an electronic signal to make the mechanical equipment start to work or give a signal (such as equipment leakage, alarm, etc.) This can be done with a pressure sensor called a pressure switch. This is a plunger pressure switch, the safety over-pressure does not exceed 800bar, and the thread can be customized.

### Notes:

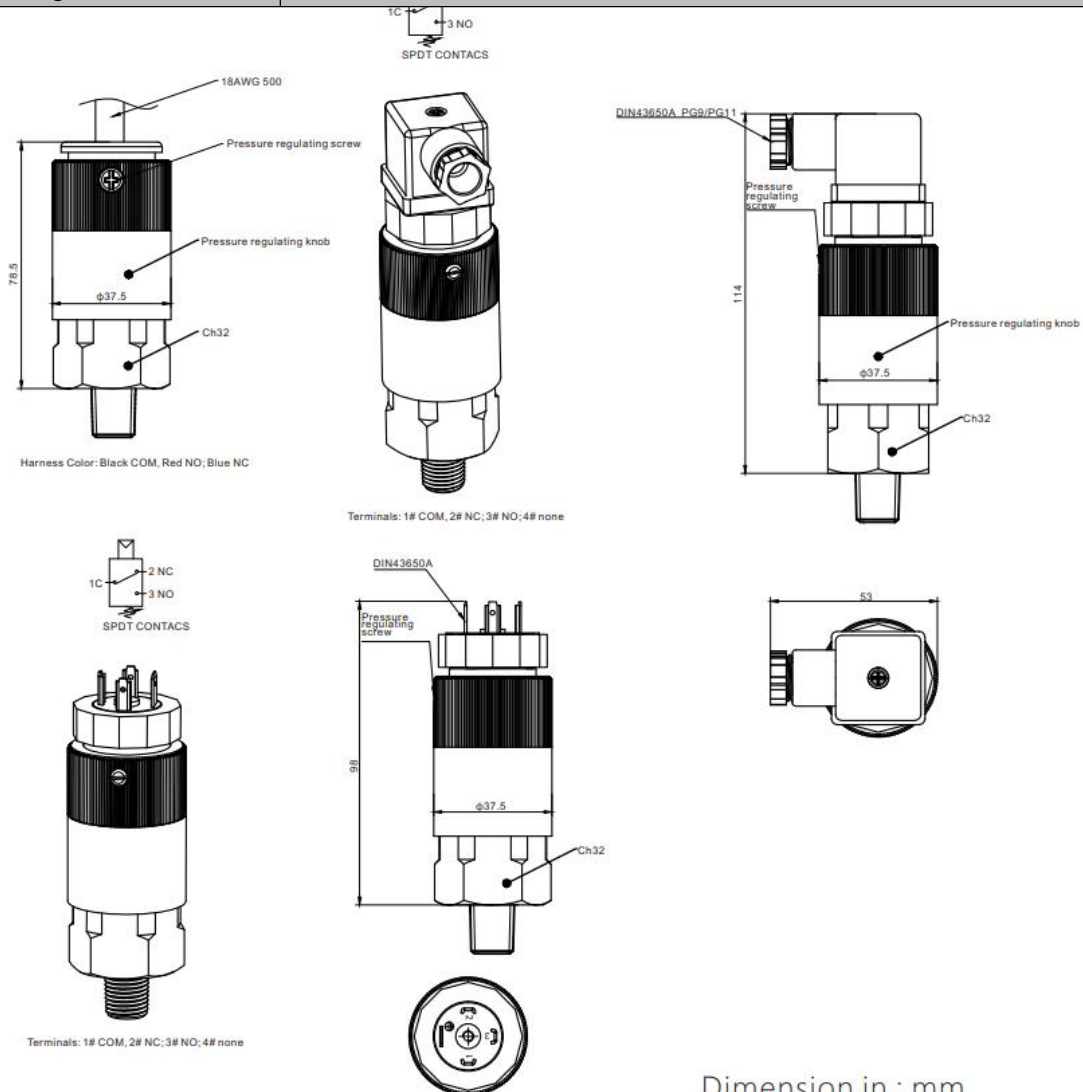
- 1 Do not misuse documentation.
- 2 The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 3 Complete installation, operation, and maintenance information is provided in the instructions of the product.
- 4 Misuse of the product may cause danger or personal injury.

## Performance Parameters

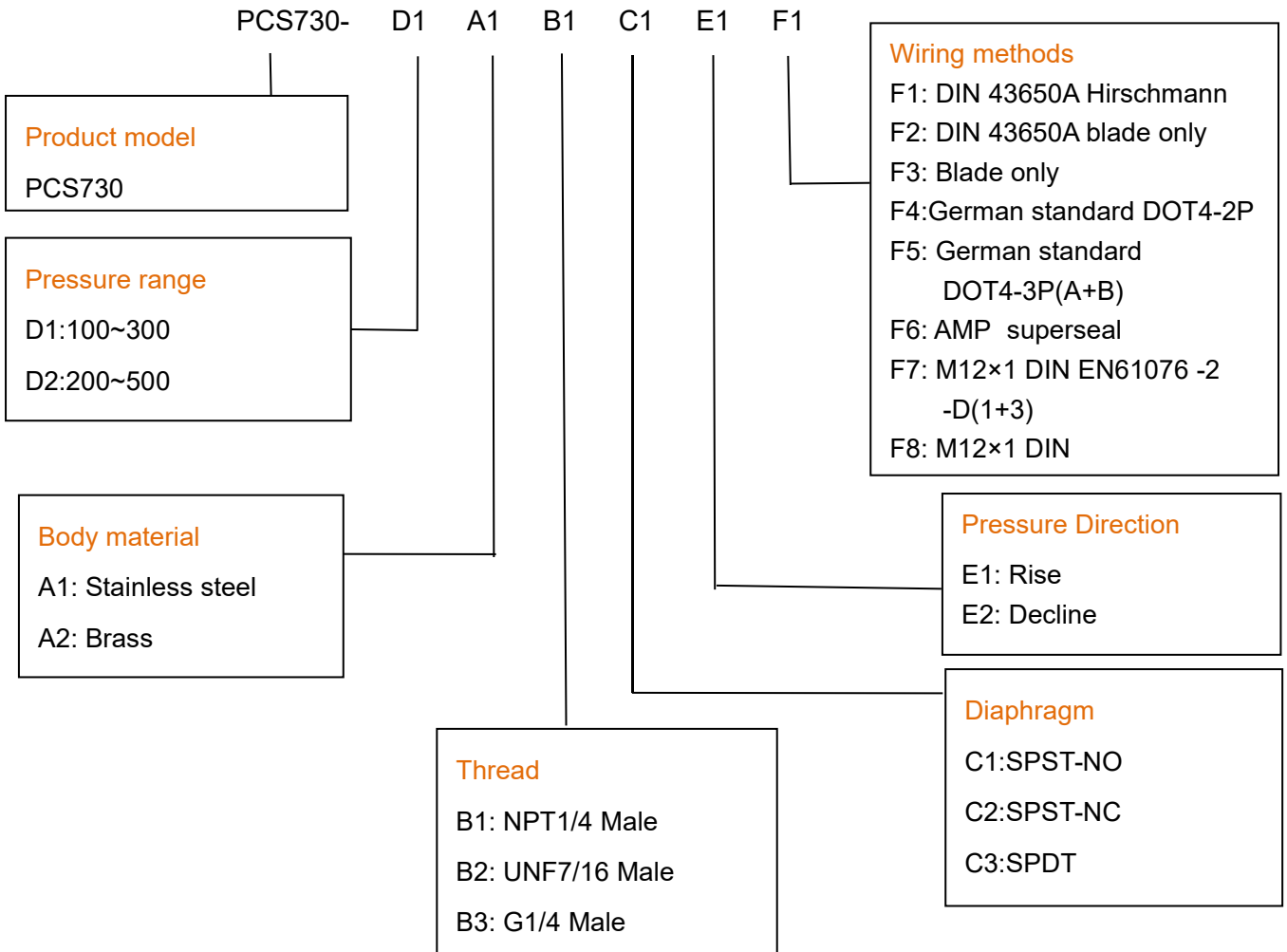
Body material	Brass/Stainless Steel
Electrical parameters	5 (2) A 125/250VAC; 4A 30VDC (250VAC 10A optional)
Electrical contacts	Silver cadmium, ( gold plated optional )
Ambient temp.	-25°C~66° C
Medium temp.	-30°C~100°C
Hysteresis	10%~20% set point
Mechanic durability	1 million times
Electric durability	50,000 times
External contamination	Normal
Maximum working pressure	800bar
Maximum safety pressure	1000bar
Protection	DIN 43650AHirschmann IP65; others IP67 (wire methods 3-8)
Weight	0.32kg

## Drawing

Applicable regulations	EN 60730-1
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Dimension in : mm



**Example:** PCS730 - D1A1B1C1E1F1

The product model is PCS730, D1: 100~300 pressure range, A1: stainless steel for body material B1: NPT1/4 Male, C1: SPST-NO diaphragm, E1: Pressure Direction Rise F1: DIN 43650A Hirschmann for wiring methods

Wotian reserves the right to make any change in this publication without notice. The information provided is believed to be accurate and reliable as of this product sheet.

**Contact us**

Nanjing Wotian Technology Co.,Ltd.

Website: [www.wtsensor.com](http://www.wtsensor.com)

Add: 5 Wenying Road, Binjiang Development Zone, Nanjing, 211161, China

E-mail: [dr@wtsensor.com](mailto:dr@wtsensor.com)