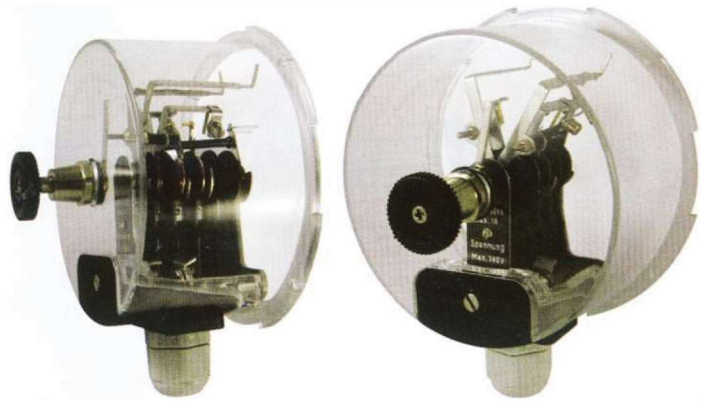


Application

BPS Series is an accessories for dial 4" pressure gauge. The BPS Series designed for User-friendly installation and provide Electric and Magnetic contacts, with various contacts function, 1 or 2 contacts.



Specification

▶ **Magnetic snap-action contact (Code EA)**

Magnetic snap-action contact is the general contact which can covered all applications, operating with a magnet screwed at the setpoint.



Features :

- All stainless steel construction
- High sensitive and reliability contact signal
- Special instrument liquid filled for vibration application
- 1 to 2 switching contacts, with various contact function
- Type of contact equivalent to most pressure instruments
- Matches with general relevant electrical apparatus, e.g. relay and contactor

Applications :

- Main design for processes control and regulation
- Controlling switching of electrical circuit connection
- Widely used for petrochemical, chemical, metallurgical electric power field
- Suitable for strong corrosion gaseous and liquid medium measurement

▶ **Electric contact (Code EB)**

Electric contact is designed especially for measuring gaseous and liquid media that will not corrupt copper alloy. Dry electric contact for vibration free application and more sensitive.

Description :

- The principle is under the condition of medium pressure, bourdon tube will the measured value at the dial with gear wheel mechanism and the switching contact pointer(s) act to connect or disconnect an electric circuit to the set pressure point

Color marking : Black (common), Red (1st Contact), Green (2nd Contact)

Code	Wiring	Contact Function	Operating
Single Contact			
C	 Black Red	(NO) Normally Open - Contact close / connect when the pointer reach to the set point / range	
O	 Black Red	(NC) Normally Close - Contact open / disconnect when the pointer reach to the set point / range	
Double Contacts			
CC	 Black Green Red	1st and 2nd contact close / connect when the pointer reach to the set point / set pressure range	
CO	 Green Black Red	1st contact close / connect and 2nd contact open / disconnect when the pointer reach to the set point / set pressure range	
OC	 Red Black Green	1st contact open / disconnect and 2nd contact close / connect when the pointer reach to the set point / set pressure range	
OO	 Red Green Black	1st and 2nd contact open / disconnect when the pointer reach to the set point / set pressure range	

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Ordering Code

BPS - Contact type ^① Contact function ^②