**"Sakae"** 

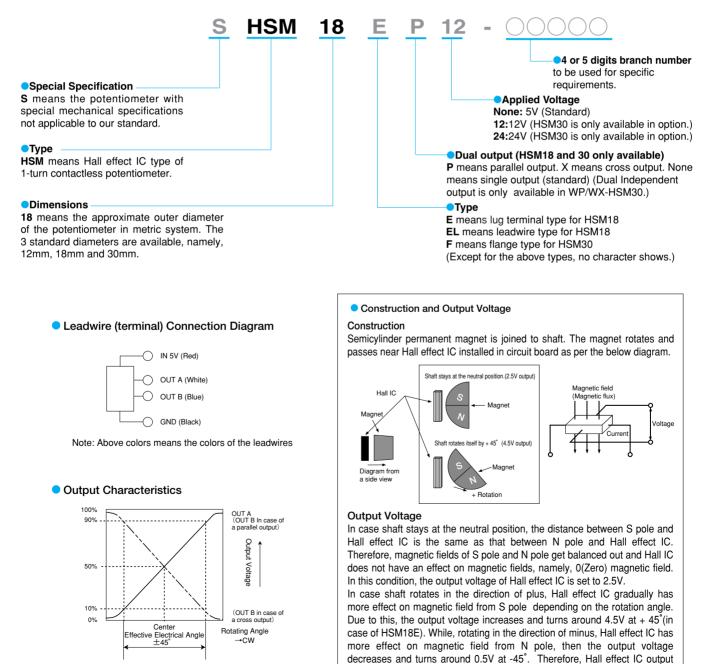
## **1-turn Contactless potentiometer**

## (Hall effect IC type)

SAKAE Contactless potentiometers using hall effect IC are low-cost types with high performance which was researched and developed based on our experience of contactless inductance type potentiometers. Hall effect IC itself has ever been used in many kinds of our joystick controllers. We have established great trust with many users and achieved satisfactory performance.

To meet with a request for potentiometer type, we studied unique circuit configuration and inner construction. As a result of our study, we have finally completed producing a high-performance product with EMS durability. The Contactless potentiometer has very long life expectancy and excellent resistance to vibration due to its contactless element, which can meet many types of applications in different industrial field.

## THE NOMENCLATURE OF SAKAE 1-TURN CONTACTLESS POT. SERIES



gets around 0.5 V to 4.5V between  $\pm$ 45° in proportion to the rotation angle.