

## **P25 Compact Series – Ø25mm Panel Mount Trackball, Removable Ball, USB & PS/2 Outputs**



### **1. DESCRIPTION**

The P25 Compact Series are rugged professional trackballs ideal for use in the most demanding of applications where space is at a premium. The compact series incorporates the same proven technology found in the well-established P38 trackball range, providing the user with the same high specification trackballs in a smaller package. The removable aluminium ring allows for the removal of the ball and provides the ability to service and maintain the moving parts in high contamination environments.

High-grade stainless steel shafts and bearings ensure a solid and precise pointer control while the patented floating seal technology limits ingress of aqueous solutions and particulates. The P25 Compact Series trackballs have been designed to be back of panel mounted as part of OEM keyboards and consoles.

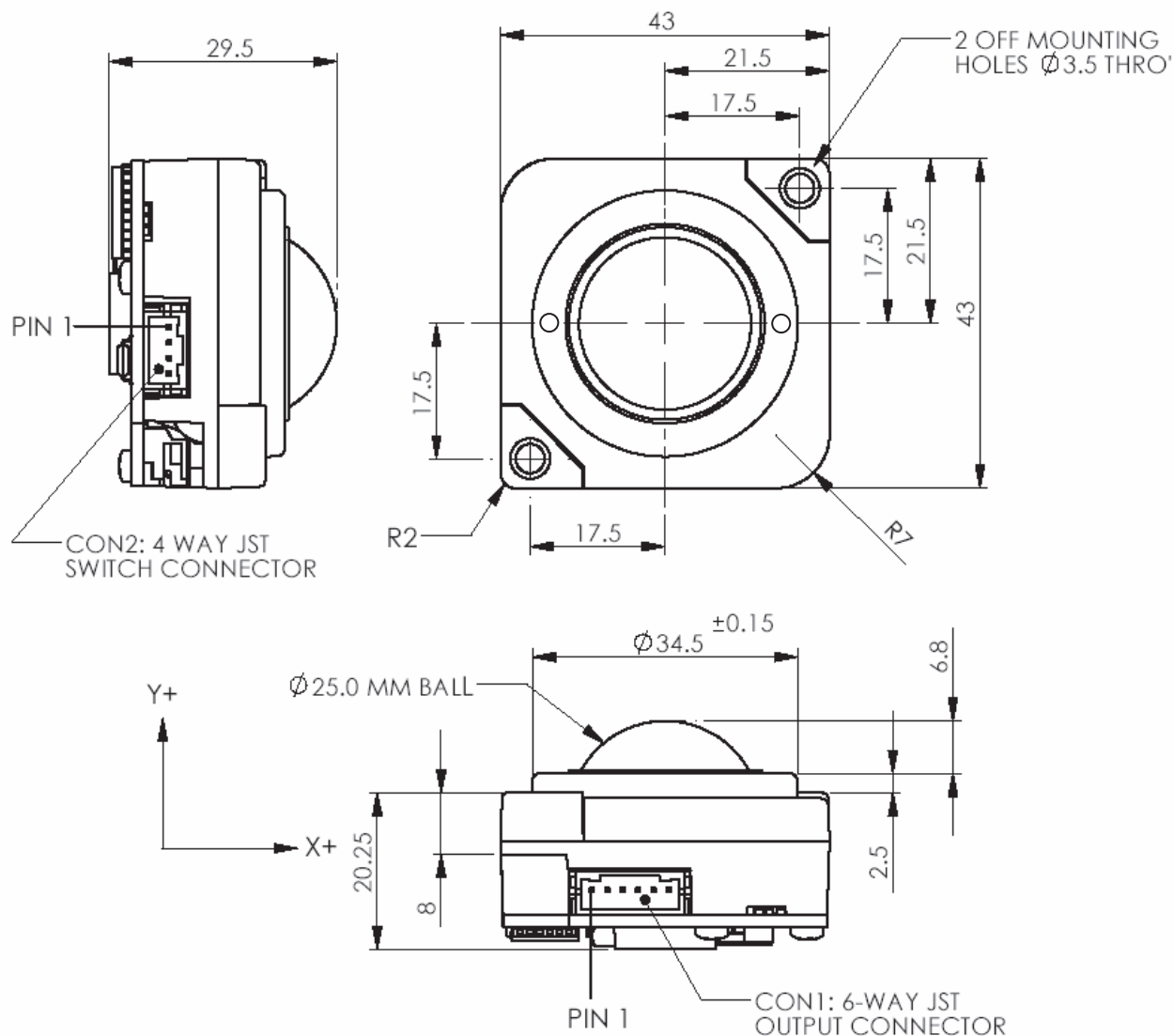
### **2. FEATURES**

- Sealing options up to IP65 (BS EN 60529)
- Outputs: PS/2, USB (auto-select)
- Removable ball/top ring for servicing requirements
- Steel core ball for precise control
- Smooth operation in rugged environments
- Stainless steel shaft and bearings
- Various top plate configurations providing sealing and tracking force options
- Custom connector options
- Optional anti-vandal kit

### **3. APPLICATIONS**

- Control systems
- Medical systems
- Navigation systems
- Compact keyboards
- Industrial consoles
- Laptops & palmtops
- OEM custom solutions available

## 7. OUTLINE DRAWING



Dimensional drawing specifies factory default orientation.

All dimensions are in mm unless otherwise stated.

Tolerances +/- 0.2mm unless otherwise stated

Please note that an IGES model is available on request. Please contact your local sales office for more information.

## 8. PRODUCT ORDERING CODE SYSTEM

Please construct your standard P25 Compact Series product ordering code by selecting the numbers and letters to suit your specification:

|          |           |   |          |          |          |          |          |          |
|----------|-----------|---|----------|----------|----------|----------|----------|----------|
| <b>P</b> | <b>25</b> | - | <b>X</b> | <b>6</b> | <b>0</b> | <b>2</b> | <b>X</b> | <b>X</b> |
|----------|-----------|---|----------|----------|----------|----------|----------|----------|

|                                                                                         |                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product range</b><br>P = Panel                                                       | <b>Ball size</b><br>(Nominal mm)                                                                                                                                                                     |
| <b>Sealing Capabilities</b><br>1 = No Seal – IP40<br>5 = Sealed - IP65<br>9 = Custom QN | <b>Electrical Output</b><br>6 = USB, PS/2 (Auto-select)                                                                                                                                              |
| <b>Integrated Switches</b><br>0 = No external Switches                                  | <b>Mounting Option</b><br>2 = Mount to back of panel                                                                                                                                                 |
| <b>Top plate, Body style</b><br>E = Black top & body -removable ring (black)            | <b>Ball Colour</b><br>0 = Black      6 = Blue*<br>1 = Brown*    7 = Ivory*<br>2 = Red*      8 = Grey/SS316*<br>3 = Orange*   9 =Customer specific<br>4 = Yellow*   C = Steel 440 grade<br>5 = Green* |

### 8.1 Ordering Example

**P25-5602E0:** Panel 25mm, sealed IP65, USB/PS/2 output, no external switches, mount to back of panel, black top & body - removable ring (black), black ball.