

## X50 Series – 50mm Optical Trackball, Top Mount, USB & PS/2 Output



### 1. DESCRIPTION

Utilizing the latest and most advanced infra-red optical tracking technology, the X50 Series top mount optical Trackerball™ is an extremely high specification, contact-less device, ideal for the most demanding of cursor control applications.

The trackball has been designed to be mounted from the top side of the keyboard/panel without the need for any fixings or fasteners, providing reduced integration costs and assembly/installation times.

The optical tracking engine provides accurate cursor motion at all speeds, combining the benefits of solid state sensing (no moving parts except the ball) with the aesthetics, functionality and performance associated with the Cursor Controls product range.

The design incorporates a removable top ring as standard to allow for easy cleaning, decontamination, sterilisation and maintenance - ensuring continued optimum performance and operation under the harshest of conditions.

The X50 Series trackballs are available with a variety of electrical outputs and tracking force options.

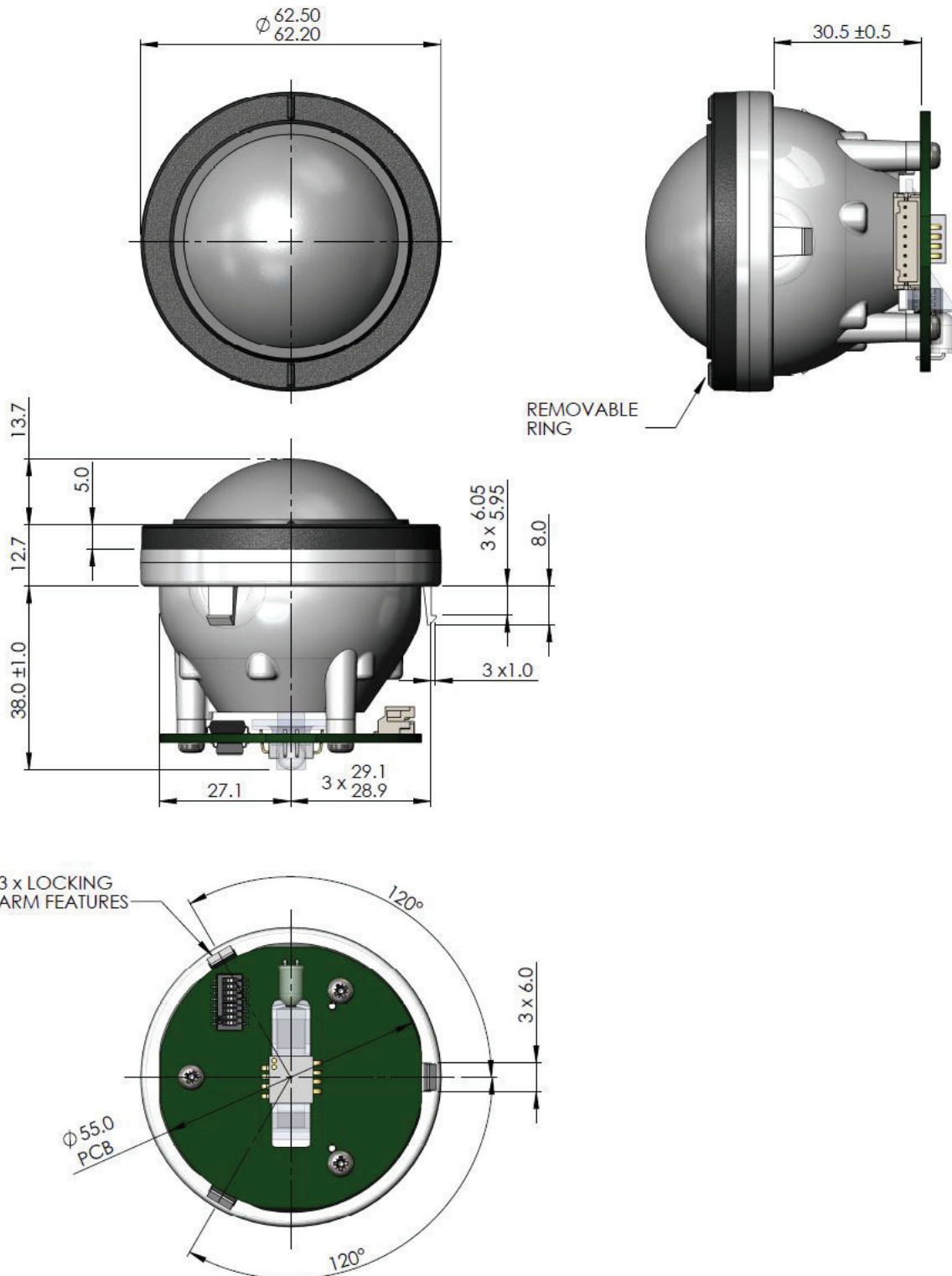
### 2. FEATURES

- Solid state sensing technology – infra-red optical tracking engine
- Top mount installation – see section 8 for further details
- Sealing up to IP68
- Electrical outputs: USB & PS2 (auto-select)
- Smooth operation in rugged environments
- Various top plate configurations
- Custom connector options
- Various ball colours
- VX3™ – integrated zoom feature for scroll wheel functionality

### 3. APPLICATIONS

- Medical systems
- Marine systems
- Custom keyboard applications
- Industrial consoles
- OEM custom solutions available

7. DIMENSION DRAWING



Dimensional drawing specifies factory default orientation.

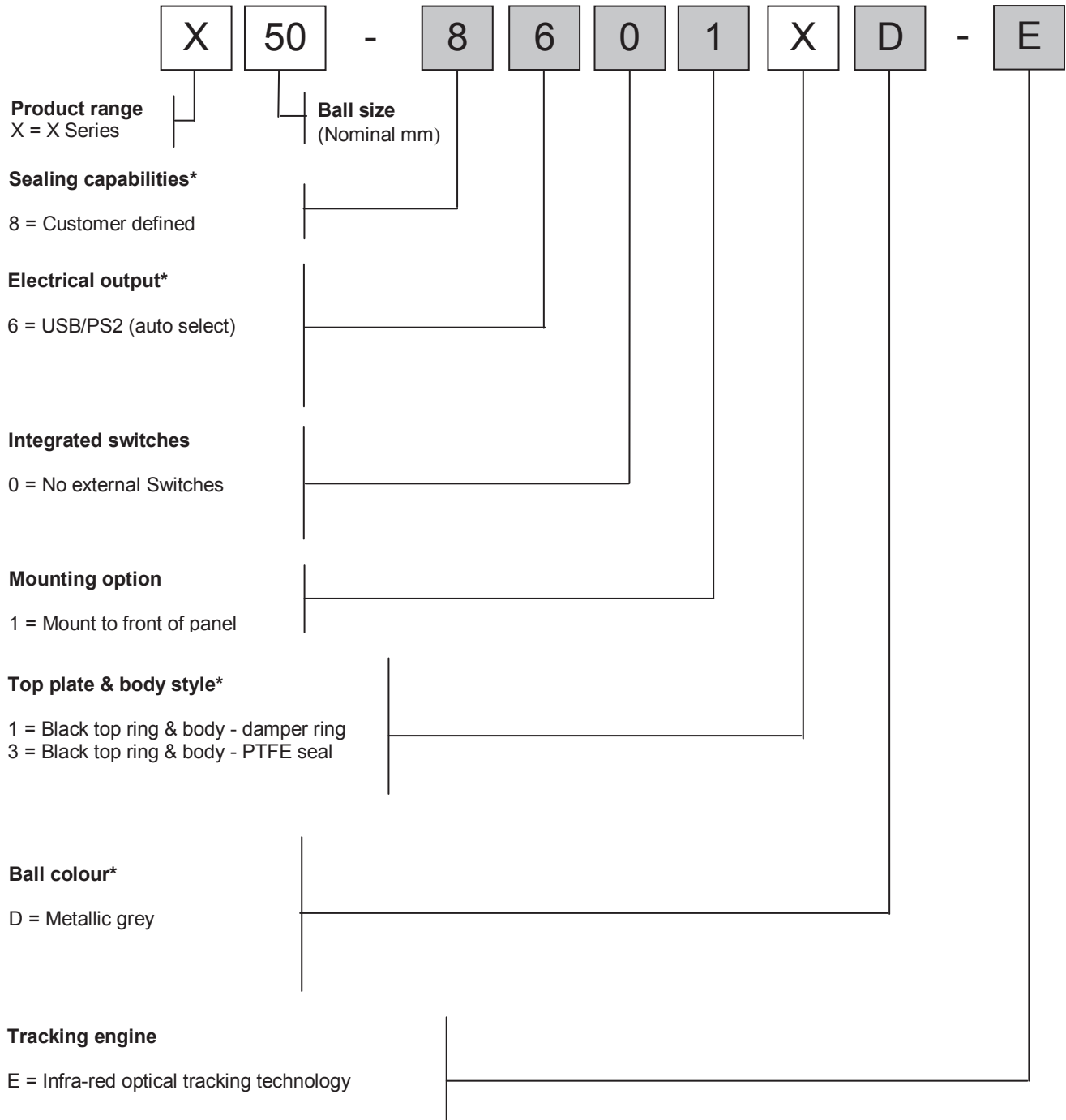
All dimensions are in mm unless otherwise stated.

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.

### 9. PRODUCT ORDERING CODE SYSTEM

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



\*For further options please contact your local sales representative

#### 9.1 Ordering Example

**X50-86021D-E:** X50, customer defined sealing, USB & PS/2 output, no switches, mount to front of panel, black top ring & body - damper ring, metallic grey ball, infra-red optical tracking technology