
P38 Compact Series – Ø38mm, Panel Mount Trackball, Quadrature



1. DESCRIPTION

The P38 Compact Series are high specification, professional trackballs for use in demanding 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.

A choice of top plate and chassis configurations are available to provide various options on sealing, backlighting, bezel diameters and installation.

The unit has been designed to be back of panel mounted as part of OEM keyboards and consoles.

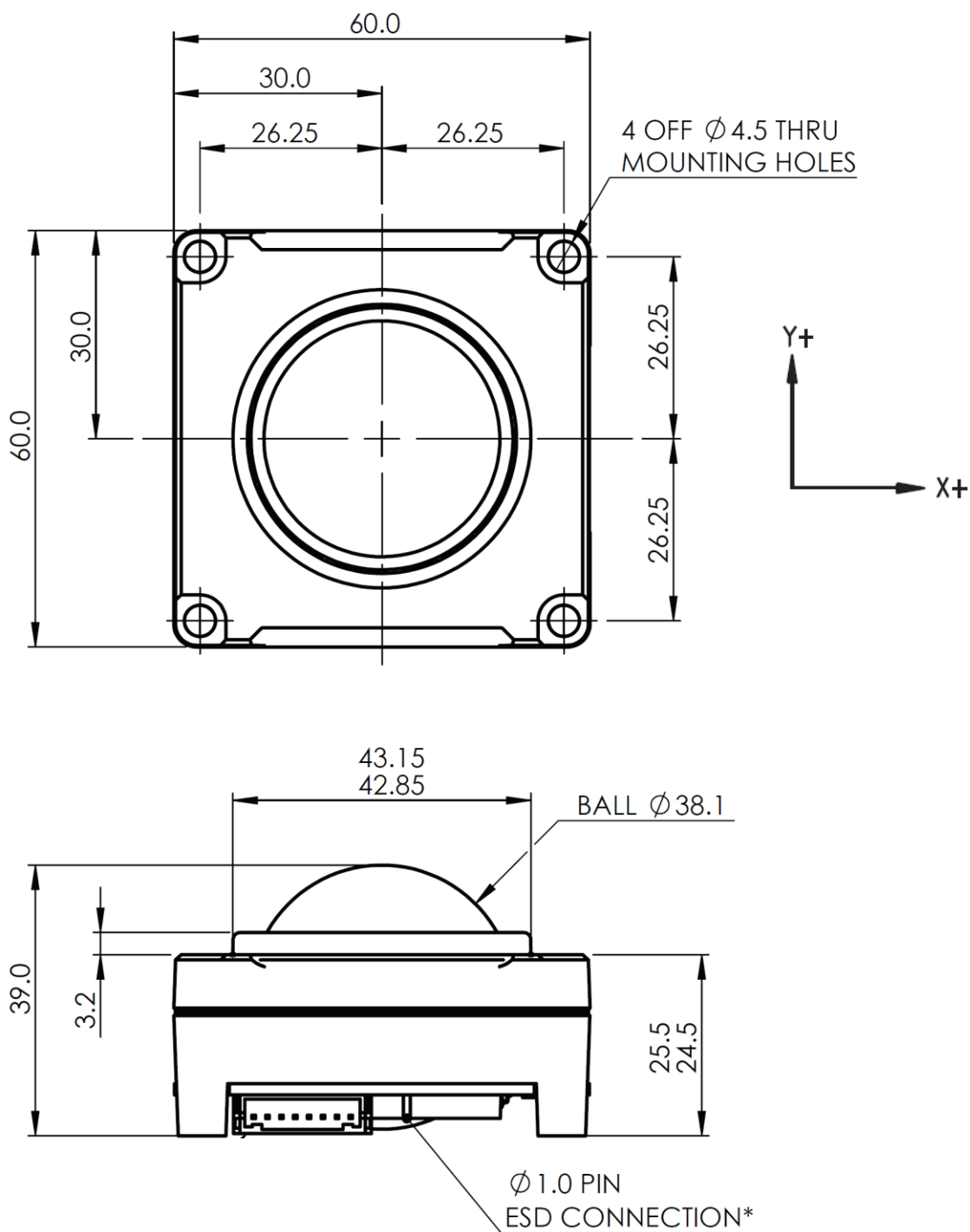
2. FEATURES

- Sealing options up to IP65 (BS EN 60529)
- Output: TTL Quadrature
- Smooth operation in rugged environments
- Stainless steel shaft and bearings
- Various top plate configurations providing sealing and tracking force options
- Backlit ball options
- Custom connector options
- Optional anti-vandal kit

3. APPLICATIONS

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

6. OUTLINE DRAWING



Dimensional drawing specifies factory default orientation.

All dimensions are in mm unless otherwise stated.

Tolerances +/- 0.25mm unless otherwise stated

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

* ESD connection pin is only included with stainless steel ball configurations – see section 6 ordering code for details

7. PRODUCT ORDERING CODE SYSTEM

Please construct your standard P38 Compact Series product ordering code by selecting the numbers and letters to suit your specification:

P	38	-	X	0	0	2	X	X
Product range P = Panel	Ball size (Nominal mm)							
Sealing Capabilities 1 = No Seal – IP40 5 = Sealed - IP65								
Electrical Output 0 = TTL Quadrature								
Integrated Switches 0 = No external Switches								
Mounting Option 2 = Mount to back of panel								
Top plate, Body style B = Black top & body – IP51/IP65 sealed C = Black top & body – IP40 no seal								
Ball Colour 0 = Black 6 = Blue* 1 = Brown* 7 = Ivory* 2 = Red* 8 = Grey/SS316* 3 = Orange* 9 = Customer specific 4 = Yellow* C = Steel 440 grade 5 = Green*								

7.1. Ordering Example

P38-5002B0: Panel 38mm, sealed - IP65, TTL quadrature, no switches, mount to back of panel, black top & body – IP65 sealed, black ball

P38-1002C0: Panel 38mm, no seal – IP40, TTL Quadrature, no switches, mount to back of panel, black top & body – IP40 no seal, black ball