

F60 Series – Rugged Trackball module, Protocol Output, 3 switches



Figure 1: F60 Trackball Module

1. DESCRIPTION

The F60 Series trackball is a high specification human interface device designed to operate in extremely demanding environments where reliability and robustness are essential.

The unique chassis design provides excellent impact strength, electrical shielding, and environmental capabilities to make an all-round robust solution for the most demanding applications.

High-grade stainless steel shafts and bearings ensure a solid and precise pointer control, whilst the micro switch arrangement provides excellent tactile feedback and reliability.

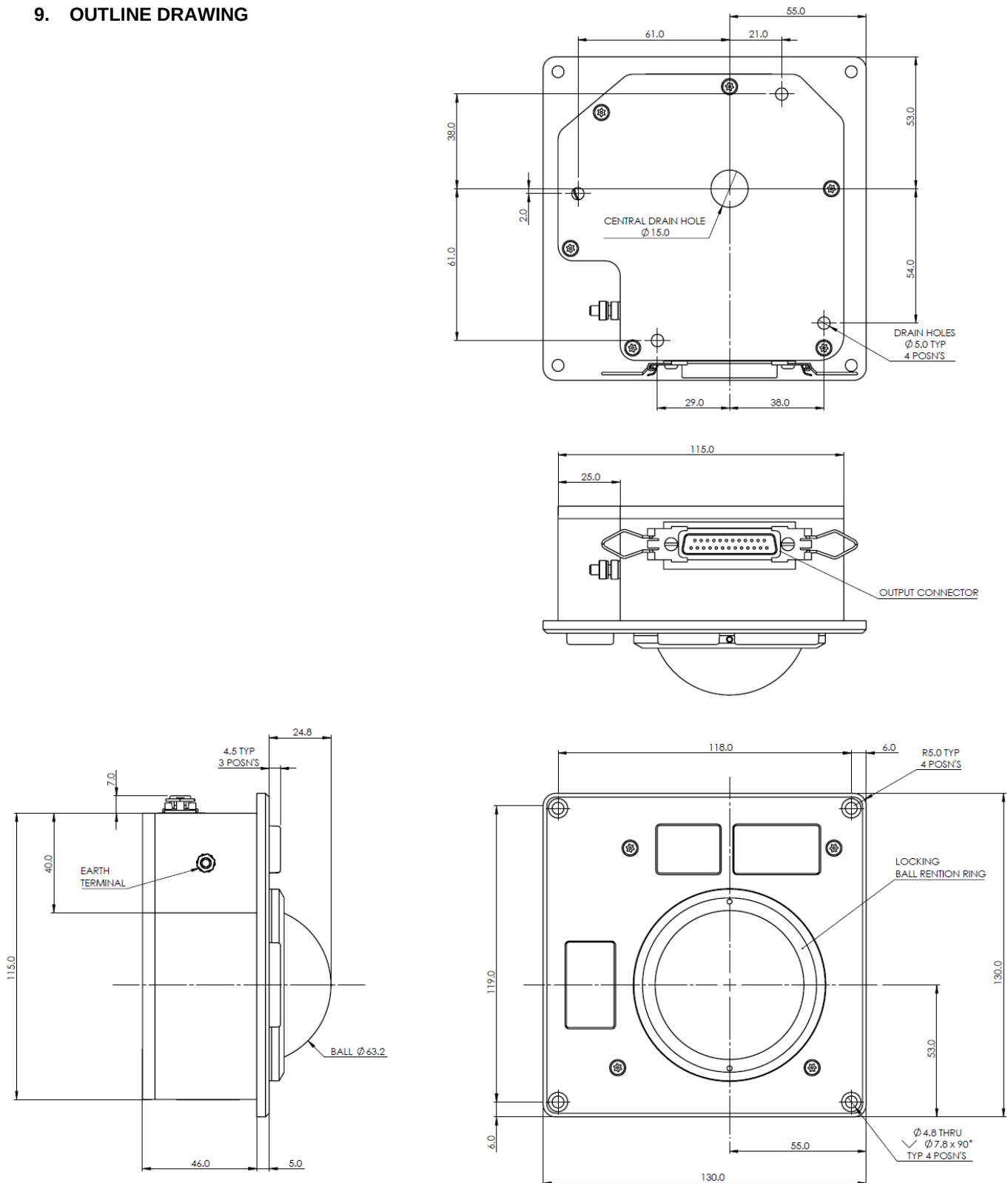
A choice of top plate and chassis configurations are available to provide optional mounting arrangements and service requirements.

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

2. FEATURES

- Outputs: PS/2, USB, SUN Systems
- Smooth operation in rugged environments
- High level of corrosion resistance
- Various top plate configurations providing alternative mounting arrangements
- Custom connection options available
- High impact strength
- Operates under extreme shock and vibration
- Excellent environmental capabilities
- For use in rugged keyboards and consoles
- Custom solutions available (please contact your local sales office)

9. OUTLINE DRAWING



All dimensions are in mm unless otherwise stated.

Tolerances $\pm 0.25\text{mm}$ unless otherwise stated

Please note that solid models are available on request. Please contact your local sales office for more information

10. PRODUCT ORDERING CODE SYSTEM

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

F	60	-	5	X	3	1	X	X
Product Range F = Military Series			Ball size (Nominal mm)					
Sealing Capabilities 5 = IP65								
Electrical Output 4 = PS/2 only 5 = USB only 6 = USB / PS2 Auto select 8 = SUN systems C = USB, PS/2 & SUN								
Integrated Switches 3 = Three Switches								
Mounting Option 1 = Mount to front of panel								
Top plate, Body style 1 = Alocrom 1200 chassis and back plate, black anodised top plate (3 buttons), black anodised removable ring, spring latch connector retention 2 = Alocrom 1200 chassis and back plate, black anodised top plate (3 buttons), black anodised removable ring, screw lock connector retention								
Ball Colour 0 = Black 4 = Yellow								

For further options on ball colours please contact your local sales representative

10.1. Ordering Example

F60-563110: F60 Series Military, IP65, USB/PS/2, 3 switches, mount to front of panel, {Alocrom 1200 chassis and back plate, black anodised top plate (3 buttons), black anodised removable ring}, spring latch connector retention, black ball

13. DOCUMENT REVISION STATUS

Revision	Date	Author	Remarks
A	03.06.08	N.S	Document released
B	04.09.09	N.S	ECN 1185
C	27.02.19	C.E.	Document updated. Screw lock options included
D	21/10/24	HW	Template updated

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