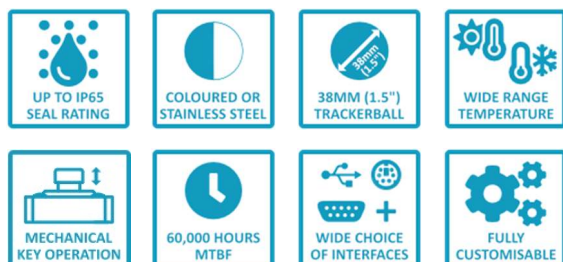
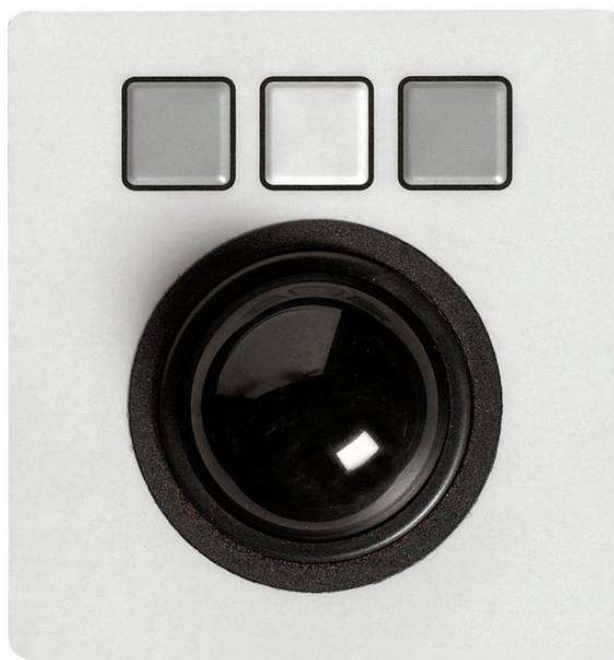


## Fully customisable TB38 Series Trackball



## Overview

The TB38 rugged trackball has an IP65/NEMA 4 sealing which means that it is dust tight and protected against water sprays. By replacing a standardised mouse control, the TB38 Rugged Industrial Trackball offers a better precision cursor control and durability. Its ruggedised features and variants make this industrial pointing device usable in all operational systems. See all of the specifications below, and if something isn't listed that you may require, contact us and let us know as we may already have the solution you need!



## General Specifications

### MECHANICAL

Ball Material	Phenolic Resin
Ball Colour	Black
Ball Size	38mm (1.5")
Resolution	170 pulses/ball revolution
Tracking Force	<20gms (nominal)
Ball Revolutions	>6 million
Mounting	Fixing holes to allow mounting at any angle to horizontal
Dimensions (mm)	See Dimensions on Page 2
Weight (g)	0.25Kg (Uncased)
Keys	Sealed mechanical
Key Travel	0.4mm
Life Expectancy	>1 million switch cycles
Operating Force	160gf $\pm$ 50gf

### ELECTRICAL AND ELECTRONIC

Supply Voltage	5V DC $\pm$ 5%
Supply Current	<12mA (PS2 / RS232) / <20mA (USB / PS2)
Interface	USB / PS2 / AT / RS232 / RS422 / RS485 / XT / TTL / DEC / SUN

## ENVIRONMENTAL

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Relative Humidity	95% non-condensing
IP Seal Level	IP65
Vibration	5G, 5-2KHz any plane

## CUSTOMISATION

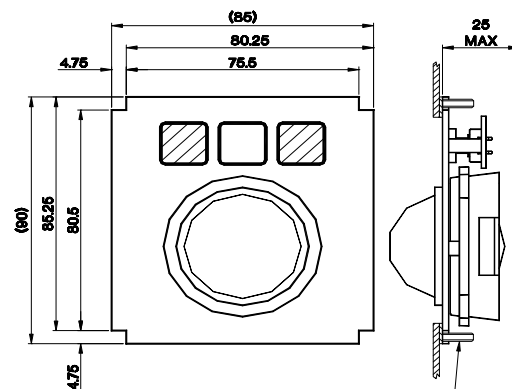
Trackball	Various colours and stainless steel
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## WARRANTY

Warranty Period	3 Years standard return to base. Extendable to 5 Years if required
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## Dimensions

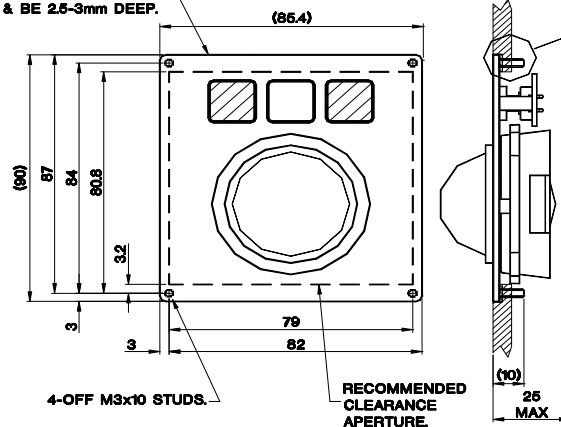
### REAR MOUNT



MIN M3x10 STUDS  
RECOMMENDED.

### FRONT MOUNT

THIS IS THE PLATE OUTLINE,  
NB: RECESS SHOULD CLEAR  
THIS BY AT LEAST 0.5mm ALL  
ROUND & BE 2.5-3mm DEEP.



RECOMMENDED  
CLEARANCE  
APERTURE.

### BEZEL MOUNT

