

## TBM34 series Industrial Trackballs

### FEATURES

- Sealing to IP65
- PS/2 or USB Compatible
- 38 mm dia. Trackball
- Three IP65 sealed membrane switches



Dim. : 106x204x42 mm  
Weight : 1Kg



Dim. : 92.5x180x25 mm  
Weight : 0.5Kg

### General Description

The TBM34 series is specially designed for harsh industrial environment applications. The self-adjusting PTFE seal of the trackball guarantees an IP65 static (ball at rest) protection grade. Carrier plates and housing are metal (aluminium and steel).

### Enclosed Touchpad

The TBM34S1 is housed in a steel enclosure and is completely dust and waterproof up to the IP65 protection rating. Because of its slim line it can be placed in a 19" drawer or can be used as a stand alone desktop unit.

### Panel Mount Touchpad

The TBM34N1 is intended for back panel mounting into the user's cabinet or panel. A metal cover on the backside protects the electronic parts. Operation of the touchball is possible at all angles.

### Specification

Enclosure (TBM34S): Steel  
Carrier Plate (TBM34N): Aluminium  
Ball colour: Black  
Ball diameter: 38.1 mm  
Ball material: Phenolic Resin  
Tracking force: nom. 50 grams.  
Resolution: 241 pulses per ball revolution

Switches: Tactile 1.4 mm travel  
Lifetime: > 2 million ball revolutions  
Protection class: IP65  
Operating Temp.: 0°C to +55°C  
Storage Temp.: -25°C to +65°C  
Shielded cable: straight 1.6m long

### Ordering Information

Protocol	Panel Mount	Enclosed
PS/2	TBM34N1PS2	TBM34S1PS2
USB	TBM34N1USB	TBM34S1USB