

38 mm TRACKBALL UNITS FOR HARSH ENVIRONMENT

Direct plug compatible to PS/2 or USB ports
Sealing IP65 (static)

• GENERAL DESCRIPTION

The TBM34 series is a ruggedised professional trackball.
The unit has been specially designed for harsh industrial environment applications : the **self-adjusting PTFE seal** of the trackerball guarantees an IP65 static (ball in rest) protection grade. Carrier plates and housing are metal (aluminium and steel).

Enclosed



The TBM34S1 is housed in a steel enclosure. Because of its slim line it can directly be placed in 19" drawers or it can be used as a stand alone desktop unit. The "dots" on the front are not functional but contribute to the stylish look of the product.

dim. : 106x204x42 mm.
weight : 1 kg.

Panel mount (incl. Alu carrier plate, electronics and cable)

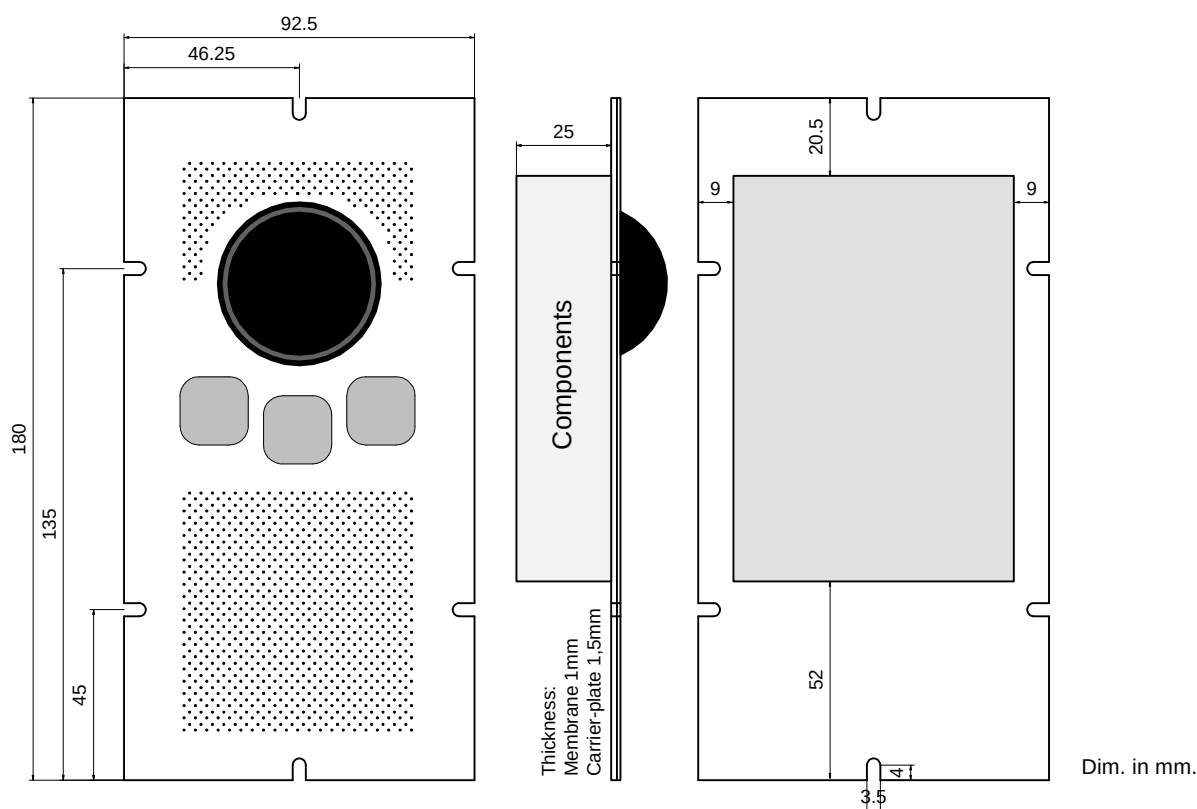
Intended for back panel mounting into users' cabinet or panel with a minimum of required space and mounting depth. Operation of the trackerball is possible at **all angles**, from horizontal to vertical mounting position.



dim. : 92,5x180x25 mm.
weight : 0,5 kg.

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• DIMENSIONAL DRAWING



• SPECIFICATIONS

Enclosure (TBM34S) : Steel, pearl white finish
 Carrier plate : Aluminium
 Ball colour : Black
 Ball diameter : 38,1mm
 Ball material : Phenolic Resin
 Resolution : 241 pulses per ball revolution
 Tracking force : nom. 50 grams
 Lifetime > 2 million ball revolutions
 Switches : Tactile, 1,4mm travel

Shielded Cable : straight 1,6m long
 Protection class : IP65 static
 Operating temperature range : 0°C to +55°C
 Storage temperature range : -25°C to +65°C

CE : compliant to EMC Directive 89/336/EEC for Electromagnetic Compatibility
 Low Voltage Directive 73/23/EEC not applicable for our trackballs.

• CONNECTIVITY

The PS/2 and the USB versions are supplied with a 1,6m long, shielded straight cable ended with a PS/2 or USB type A plug. No device driver is supplied with the unit. Please use standard available drivers in your operating system.

* Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

• ORDERING INFO

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



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