

Industry · Accessories · Trackballs / Touchpads

TW-50-IP65 Plastic Trackball Module

Heavy duty module with 50 mm ball



Artikel-Nr.	TW1077
Bezeichnung	TW-50-IP65-USB+PS/2
Ausführung	Combo USB und PS/2
Varianten	2 Ausführungen

waterproof

integratable

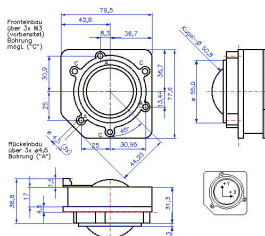
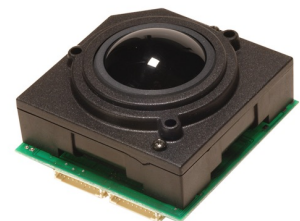
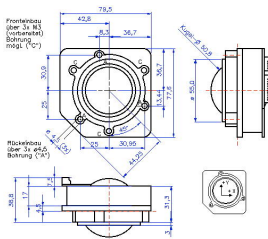
Mice

Trackballs

PS/2 Interface

USB

Images



Product description

Please you consider also the installation version with high-grade steel front plate and integrated metal switches, as you can see in the cross-reference.

Pin (Quadrature Ausgang)

1 (X1)

2 (X2)

3 (Y1)

4 (Y2)

5 (-)

6 (-)

7 (VCC (+5VDC))

8 (-)

9 (-)

10 (GND)

Pin (Function)

1 (Left Switch)

2 (Middle Switch)

3 (Right Switch)

4 (GND)

Pin (Function)

1 (+5VDC)

2 (0V)

DIP-Switch (Function)

1 (Orientation 1)

2 (Orientation 2)

3 (VX3 - virtual 3 axis function)

4 (Double tracking rate)

5-7 (-)

The 3rd Axis (VX3) can be of practical use for example in CAD Applications. In combination with the middle button the CAD-Program switches into PAN and ZOOM Mode, so that in a direction of rotation of the Trackball according to 3rd Axis is headed for. Repeated pressing of the middle key toggles between PAN and ZOOM Mode. Pressing either the left or right buttons to return to normal mode.

Multi-Interface (9 o'clock)

Orientation 1 (On)

Orientation 2 (On)

View from top of Trackball: Is the 10-pole. Female connector on left side (9 o'clock - as seen on the following technic-drawing), then the Dip-switches are to be adjusted according to above table. In the example: USB-Version: Dip-1 and -2 On. In order to rotate a quarter clockwise (12 o'clock), then DIP 1 is ON and DIP 2 is OFF and so on.

Features

- 50 mm plastic trackball for modular installation in a tough ABS/polycarbonate housing.
- The patented scraper ring enables the ball to be IP54 (NEMA 2) when moving or IP65 (NEMA 4) static
- For industrial, medical or common data input as well as for kiosk infoterminals or aerospace industry.

Technical data

Mechanical data

Dimensions	79,50 x 77,60 x 51,1 mm
Weight	,270 kg
Housing	Plastic
Degree of Protection	IP65 & IP54
Color	black

Electric Data

Interface	serial or Combo USB und PS/2
Additional Interface	for mouse Quadratur
Operating Voltage	5 ± 0,25 V

Environment

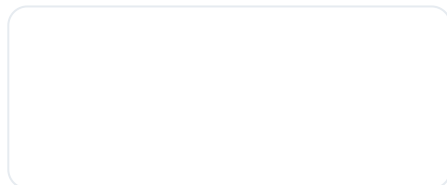
Operating Temperature	from -0 °C to +70 °C
Storage Temperature	from -25 °C to +85 °C
Humidity	30% min., 95% max., not condensing

Accessories



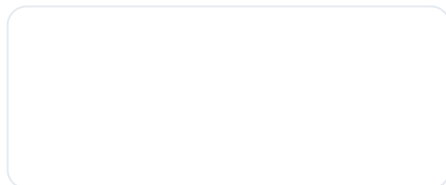
USB-Anschlusskabel, ca. 3 m Länge

ZK1430



PS2 Anschlusskabel, ca. 1,8m Länge

ZK1220



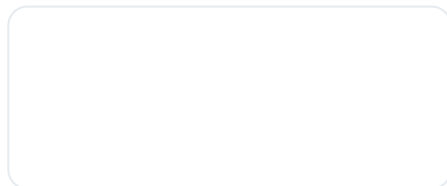
Anschlusskabel 2 m für seriellen Trackball

ZK1384



Kabel zum Anschluss von 2 Tasten (L+R) an Trackball mit integriertem Controller

ZK1245



Kabel zum Anschluss von 3 Tasten (L+R) an Trackball mit integriertem Controller

ZK1342



ZTS- M19 Metalltaste

ZT1353



ZTS- M19 Metalltaste mit Anschlussklemme

ZT1043



M19-Edelstahl

ZT1091

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