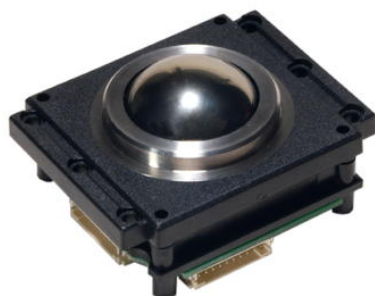


Office | Home Office • Accessories • Trackballs / Touchpads

TW-38-IP65 Trackball in high grade steel module

Trackball for built-in in industrial applications, ball diameter 38 mm, degree of protection IP65 (statisch), IP54 (dynamisch)



Artikel-Nr. **TW1177**

Bezeichnung **TW-38-IP65-E-PS/2 USB**

Ausführung **with integrated PS/2 Controller**

waterproof

integratable

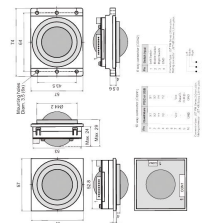
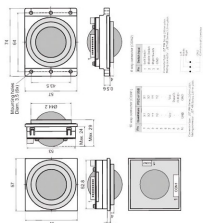
vandalism resistant

Metal

Mice

Trackballs

Images



Product description

Output Connector:

Pin (Quadratur Ausgang)

1 (X1)

2 (X2)

3 (Y1)

4 (Y2)

5 (-)

6 (-)

7 (VCC +5VDC)

8 (-)

9 (-)

10 (GND)

Connector for Switches:

Pin (Funktion)

1 (Linker Schalter)

2 (Mittlerer Schalter)

3 (Rechte Schalter)

4 (GND)

Features

- 38 mm stainless steel trackball for backpanel installation in a tough ABS/polycarbonate top plate
- The patented scraper ring enables the ball to be IP 54 (NEMA 2) or IP65 (NEMA 4)
- Ideal for many applications in fields such as in kiosks, infoterminals, and industrial applications.
- Besides the stainless steel ball we offer a robust plastic ball (mechanical technology) as well as an epoxy resin ball (optical technology)
- 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.

Technical data

Mechanical data

Dimensions	74 x 52,5 x 38,1 mm
Housing	Plastic
Degree of Protection	IP65
Color	black

Electric Data

Interface	Quadratur
Operating Voltage	+5 ± 5,5 V

Environment

Operating Temperature	from 0 °C to +70 °C
Storage Temperature	from -25 °C to +85 °C
Humidity	95 % (non-condensing)

Additional Information

Ball material	Thermoset Phenolic or Polyester or surface treated steel ball, stainless steel 440C
Ball colour	black (optional: ivory, grey, backlit blue)
Tracking force	depends on seal: 8/25/50g at IP40/51/65
Ball load	200 N

Technical data

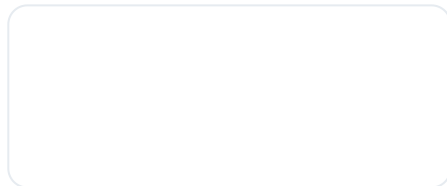
Ball rotation	continous and reversible - any direction
Ball speed	200 RPM max
Mounting position	horizontal to 30° (non-sealed version) horizontal to 90° (sealed-version)
Resolution (Quadrature-Output)	600 Pulses per revolution
Resolution (Protocol-Output)	adjustable over 8-fold DIP-Switch
External switch inputs	3 switch support - left, middle, right (only protocoll version!)
Supply Current, typical (Quadrature-Output)	5 mA
Supply Current, typisch (Protocoll-Output)	15 mA
Optional Backlight-Trackball	+5VDC, 100mA
Vibration	5 Gs, 2-5KHz any plane
Shock	100 Gs, duration 11ms
Lifetime	> 10 mio. ball revolution (non-sealed) > 2 mio. ball revolutions (sealed)

Accessories



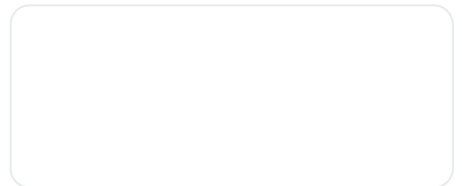
USB-Anschlusskabel, ca. 3 m Länge

ZK1430



PS2 Anschlusskabel, ca. 1,8m Länge

ZK1220



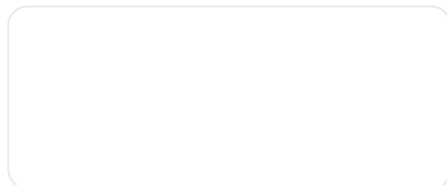
Seriell Anschlusskabel, ca. 1,8m Länge

ZK1316



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



ZTS- M19 Metalltaste mit Anschlussklemme und Pfeil-Beschriftung

ZT1308



M19-Edelstahl

ZT1091

Order & get advice

Technical advice, samples and quantity pricing on request. Talk to us — we will configure the right version for your application.

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