

GK75 Series TRACKBALL

RUGGED TRACKERBALL FOR REAR PANEL MOUNT

Direct PS/2 or USB output

• GENERAL DESCRIPTION

The GK75 is a very high specification, back of panel mounted trackerball with **protocol output**.

It is constructed from PPS and benefits from its **large diameter shafts** for smooth running. It is designed to be rear-panel mounted as part of OEM systems, where reliability, robustness and an extensive life span are essential. The large ball provides the perfect solution for high performance, high resolution applications.



• CONNECTIVITY

The **GK75-1502** is **PS/2** compatible.

The **GK75-1602** can be plugged into any **USB** port or hub. Both types are supplied with 1,6m long shielded straight cables. No device driver is supplied with the unit. Please use standard available drivers in your operating system.

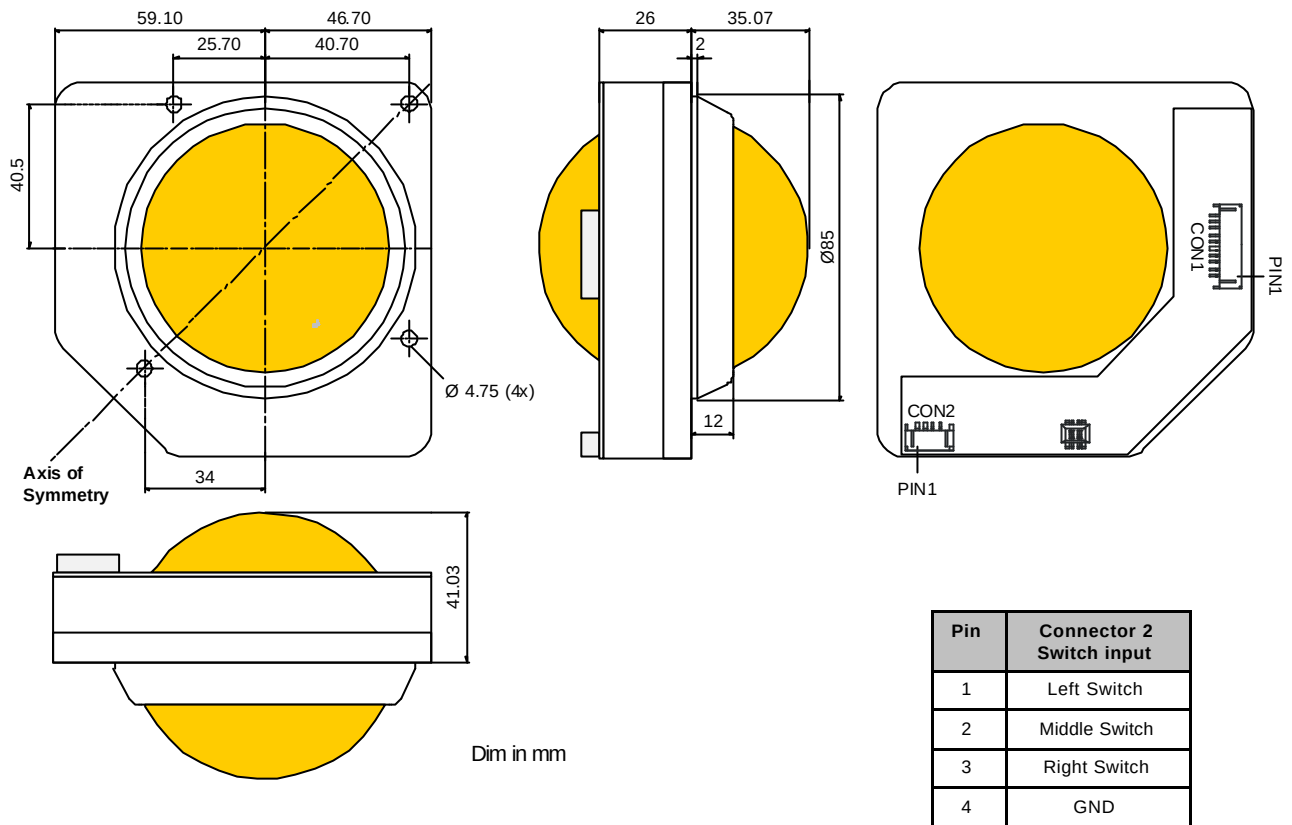
** Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.*

• SPECIFICATIONS

Casing material	PPS.
Top plate material	PPS.
Ball material	Phenolic resin.
Ball colour	Yellow or black
Ball diameter	76,2 mm.
Weight	650 grams.
Shaft diameter	9,5 mm.
Tracking force	15 grams nominal.
Resolution	265 pulses per ball revolution.
Mounting angle	Max. 30° to horizontal plane.
Sealing	none, IP40
Lifetime - Ball revolutions	>= 6 million.
Storage temperature	-20°C to +80°C.
Operating temperature	0°C to +55°C.
Relative humidity	95% non-condensing.
Vibration	5G, 5-2KHz any plane.

GK75-Series TRACKBALL

• DIMENSIONAL DRAWING



Connector type CON1, CON2 : JST PH Series 2,0mm pitch.
Mating part to connector CON1, CON2: JST KR Series 2,0mm pitch.
Type numbers: 04KR-8M (CON2), 10KR-8M(CON1)

• ORDERING INFO

Description		Order Number
Trackball PS/2 Output supplied with : - shielded cable 1,6 m long with 6 pin mini DIN plug to connect to CON1 - cable (4 wires) to connect up to 3 external switches to CON2	yellow ball	GK75-1502
	black ball	GK75-1502B
Trackball USB Output supplied with : - shielded cable 1,6 m long, USB type A connector to connect to CON1 - cable (4 wires) to connect up to 3 external switches to CON2	yellow ball	GK75-1602
	black ball	GK75-1602B



NSI bvba, Haakstraat 1A, B-3740 Bilzen (Belgium)

Tel: ++32 (0) 89 51 90 00

Fax: ++32 (0) 89 51 90 09

Website: www.nsi-be.com

E-mail: info@nsi-be.com