

75 mm TRACKBALL

RUGGED TRACKBALL FOR REAR PANEL MOUNTING

PS/2 or USB output

The GK75 is a very high specification, back of panel mounted trackball with large 75 mm ball diameter. It is constructed from PPS and benefits from its **large diameter shafts** and bearings 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.



GK75-XXXX

• SPECIFICATIONS

Sealing	none, IP40	Mounting angle	Max. 30° to horizontal plane
Casing material	PPS polypropylene-disulphide	Lifetime - Ball revolutions	>= 2 million
Top plate material	PPS polypropylene-disulphide	Storage temperature	-20°C to +80°C
Ball material	Phenolic resin	Operating temperature	-10°C to +60°C
Ball colour	Yellow or black	Relative humidity	95% non-condensing
Ball diameter	76,2 mm	Vibration	5G, 5-2KHz any plane
Weight	650 grams		
Shaft diameter	9,5 mm		
Tracking force	15 grams nominal		

• 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 and external switch cables. No device driver is supplied with the unit. Please use standard available drivers in your operating system.

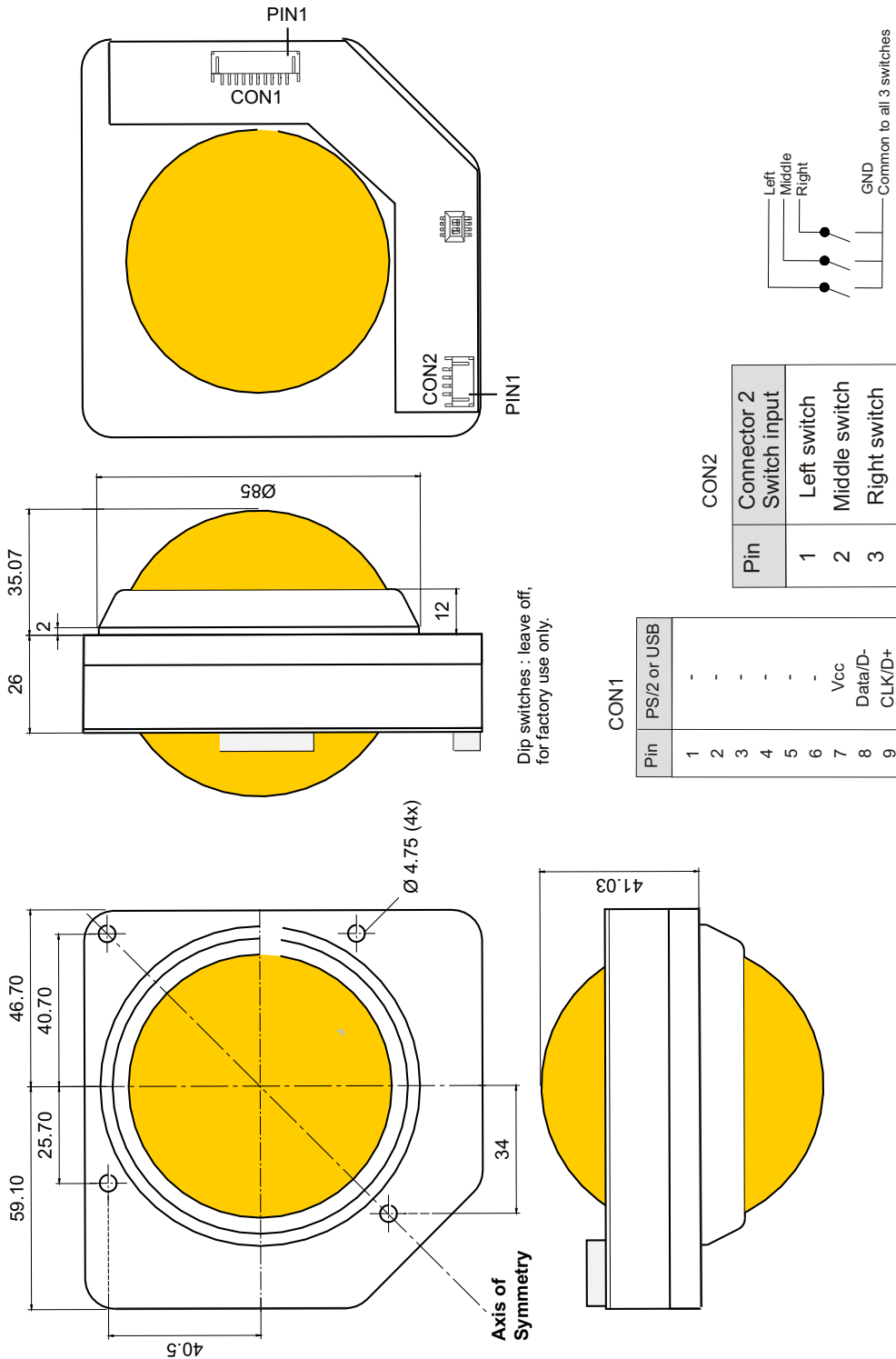
** Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.*

• ORDERING INFO

Output		Order Number	Consisting of :
PS/2	Yellow ball	GK75-1502	P75-160244 : Trackball module only, yellow ball OR P75-160240 : Trackball module only, black ball OC6010160 : 1,6 m shielded cable with 6 pin mini DIN plug IC040035 : 35 cm switch cable (4 wires) to CON2
	Black ball	GK75-1502B	
USB	Yellow ball	GK75-1602	P75-160244 : Trackball module only, yellow ball OR P75-160240 : Trackball module only, black ball OC5010160 : 1,6 m shielded cable with USB type A plug IC040035 : 35 cm switch cable (4 wires) to CON2
	Black ball	GK75-1602B	

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• 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)

Dim in mm.

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.



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