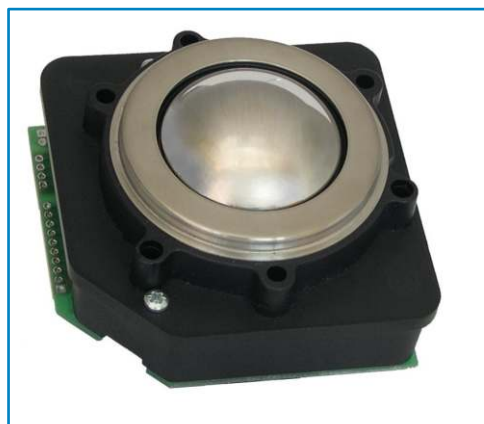


50 mm STAINLESS STEEL TRACKBALL

TRACKBALL FOR REAR PANEL MOUNTING

Sealing IP54; PS/2, USB or phase quadrature output

The GS50 series are ruggedised professional trackballs. The ball and the top flange are made of quality stainless steel giving the unit a stylish all metal look. The double-sided seal ring provides a sealing to IP54. Stainless steel shafts and bearings ensure a solid and precise pointer control.



GS50-xxxx

• SPECIFICATIONS

Sealing	IP54	Mounting angle	Max. 60° to horizontal plane
Casing material	ABS/Polycarbonate	Lifetime - Ball revolutions	> 2 million
Top flange material	AISI 316 Stainless steel	Supply voltage (GS50-4002)	5 Vdc +/- 5%
Ball material	AISI 440 Stainless steel (magnetic)	Supply current (GS50-4002)	6 mA Typ
Ball diameter	50,8 mm	Storage temperature	-25°C to +80°C
Weight	700 grams	Operating temperature	-10° C to +60°C
Seal material	PTFE Composite	Relative humidity	95% non-condensing
Shaft diameter	9,5 mm	Vibration	5G, 5-2KHz any plane
Tracking force	60 grams nom		

• CONNECTIVITY

The **GS50-4502** is **PS/2** compatible. The **GS50-4602** can be plugged into any **USB** port or hub. Both types are supplied with 1,6m long shielded straight cables and external switch cables.

The **GS50-4002** has **phase quadrature output**: X1(Y1) leads X2(Y2) when motion of ball in positive X(Y) direction. It is supplied with a 10-way connection cable of 35 cm.

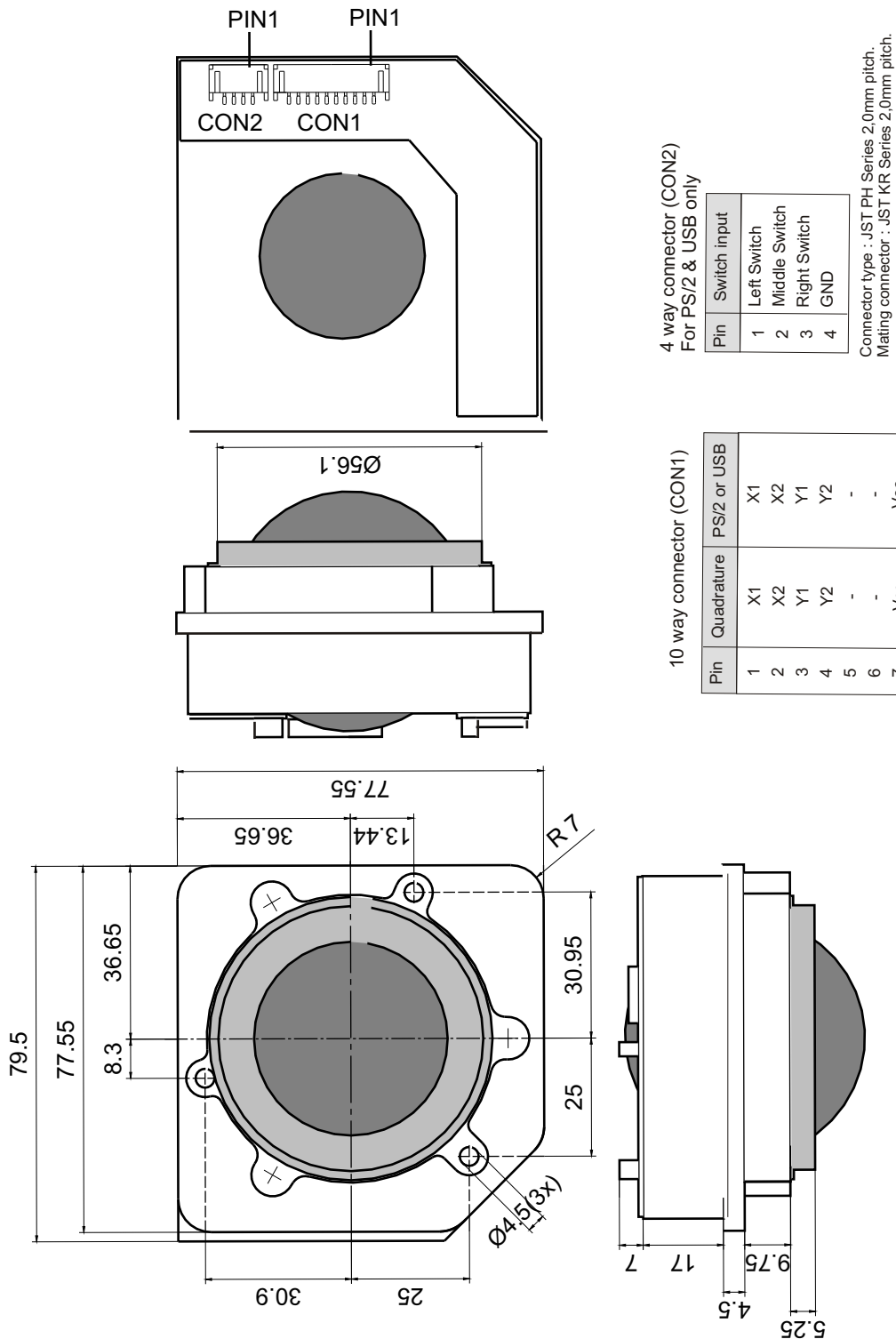
** Due to the increasing differences of the mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.*

• ORDERING INFO

Output	Order Number	Consisting of :
Quadrature	GS50-4002	P50-50028C Trackball module only, incl. top flange IC101035 : 35 cm interconnection cable to CON 1
PS/2	GS50-4502	P50-56028C : Trackball module only, incl. top flange OC6010160 : 1,6 m shielded cable with 6 pin mini DIN plug IC040035 : 35 cm switch cable (4 wires) to CON2
USB	GS50-4602	P50-56028C : Trackball module only, incl. top flange OC5010160 : 1,6 m shielded cable with USB type A plug IC040035 : 35 cm switch cable (4 wires) to CON2

50 mm STAINLESS STEEL TRACKBALLMODULE

• DIMENSIONAL DRAWING



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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