Type A5

IBM MF2 compatible

INTRODUCTION

In hazardous environments the Type A5 rugged keyboard with built-in trackerball is ideal. All keys are protected by a membrane overlay safe from dust and humidity and the keyboard surface is easy to wipe clean. These features make the Type 5 suitable for industrial, laboratory, food and medical applications. The keyboard incorporates a high quality 38mm diameter trackerball allowing quick, easy and natural movements. The ergonomic layout and positive tactile feedback from the keys ensure accurate and easy data input.

KEYBOARD

The keyboard uses the proven Rafi RF15 gold contact switch covered by a reverse printed polyester embossed overlay, giving superior tactile feedback and feel to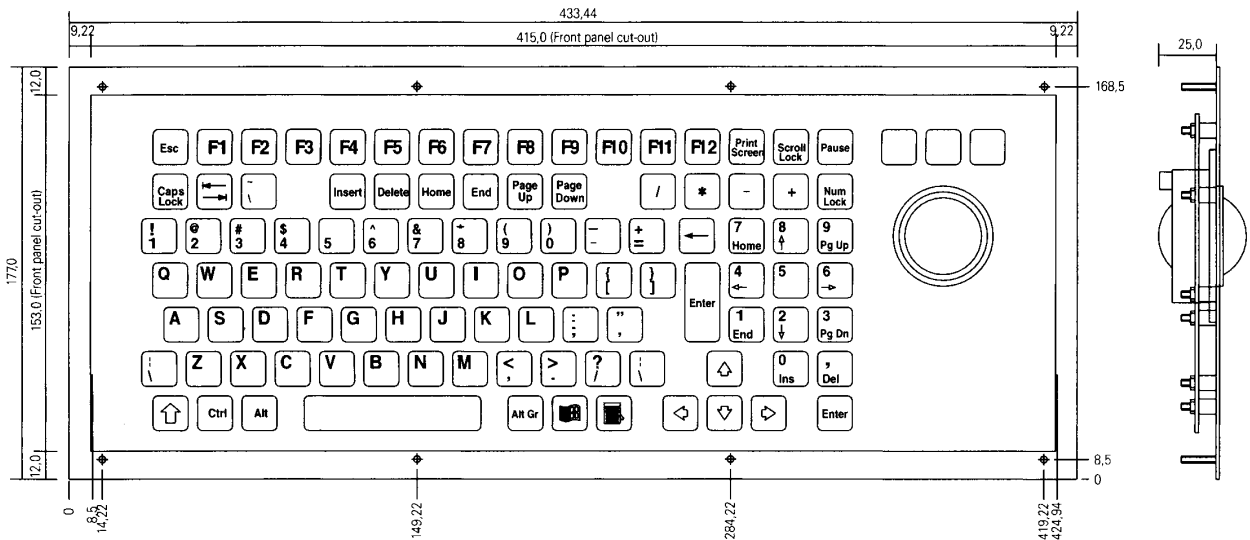gether with lifetime exceeding one million switch operations. LEDs are integrated into those keys with latching functions ensuring easy recognition of logical states. The keyboard layout, although reduced in size from a standard keyboard, retains the key block areas normally associated with a conventional keyboard.

TRACKERBALL

A new series of trackerball uses a combination of precision stainless steel components, high grade injection moulded plastic and superior optical encoders to create a new level of high quality compact trackerball. Sealing is provided by a fully floating, self lubricating PTFE seal achieving a sealing level of IP65 (NEMA 6) when static and also giving a life expectancy and chemical resistance far superior to the conventional rubber seal.

KEYBOARD FEATURES

- Sealed to IP65 (NEMA 6)
- IBM MF2 compatible
- PS/2 trackerball (RS232 on request)
- Fits into 19″ drawer
- Ergonomic layout
- Windows keys
- Extruded aluminium housing
- N-key rollover
- Trackerball tracking force only 50 grams

TECHNICAL SPECIFICATION

Switches: Rafi RF15

Switch operating life: > 1 million operations

Overlay: Structured embossed Rayvex polyester

Ambient Temperature:

Operating 0°C to 55°C

Storage -25°C to + 65°C

Supply voltage: + 5Vdc +/-5%

Supply current: approx 100mA

Connection: Mini DIN for PS/2

Cable: shielded spiral cable

Interface: Serial, synchronous, TTL level

Dimensions:

Desktop housed version: 410 x 213 x 42

Front panel version: (see drawing)

Panel cut-out 415 x 153

Standards: CE Approved.

This product conforms to the following standards.

EN 50 081-1, EN 50 082 Part 1.

Please note that for the front panel version compatibility is conditioned by the adequate integration into the complete machine system by the user.

RESISTANCE TO CLIMATE TO IEC

The Type A keyboards are climate-proof according to the following standards:

- Static environment to IEC 68-2-3 and 2-30
- Dynamic environment to IEC 68-2-14 and 2-33