

Explosion-proof Computer System BPC-J Series Intrinsic Safety Keyboard



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22

■ Catalogue number logic



■ Product features

- ◆ Special industrial keyboard subject to intrinsic safety and explosion-proof treatment, with reliable anti-explosion performance and stable operation;
- ◆ High-strength aluminum alloy enclosure, stainless steel keyboard keys, weather-proof, protection rating IP66;
- ◆ 69-key general operating keyboard for convenient operation;
- ◆ Equipped with PS/2 or USB interface for user flexibility.

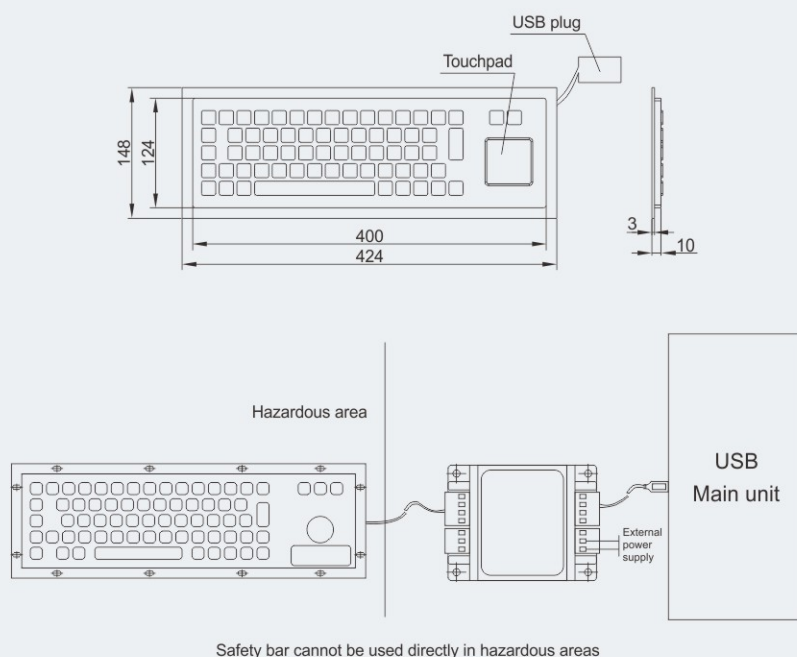
Zones 1&2; 21&22

Explosion-proof Computer System

BPC-J Series Intrinsic Safety Keyboard

Technical data	
Intrinsic safety keyboard	BPC-J
Explosion protection	
Global (IECEX)	IECEX (applied for)
Gas and dust	Ex ib IIB T6 Gb Ex tb IIIC T80°C Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	Ⓔ II 2 G Ex ib IIB T6 Gb Ⓔ II 2 D Ex tb IIIC T80°C Db
Certificates	IECEX; ATEX
Conformity to standards	IEC 60079-0, IEC 60079-11, IEC 60079-31 EN 60079-0, EN 60079-11, EN 60079-31
Degree of protection	IP66
Maximum input voltage	DC7.0V
Maximum input current	282mA
Maximum input power	494mW
Maximum internal capacitance	13.4μF
Maximum internal inductance	0mH
Port	USB2.0
Electromagnetic radiation	EN50081-1
Electromagnetic immunity	EN50082-1
Key travel distance	2mm
Key pressure	120g
Service life	5×10 ⁶ times

Dimension drawings (all dimensions in mm) - subject to alteration



Note: this keyboard needs to be used in conjunction with our company's bpc-a explosion-proof safety bar.