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

Catalogue number logic

BPC - J / ☐

— Specifications

— Intrinsic safety keyboard

— Explosion-proof computer system
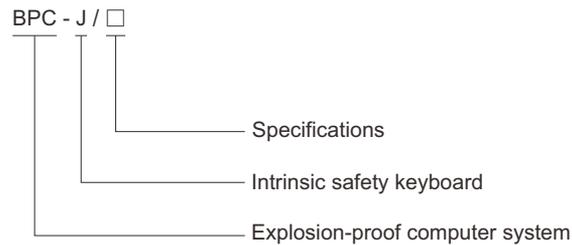
Product features

◆ 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　Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	⟨Ex⟩ II 2 G Ex ib IIB T6 Gb
	⟨Ex⟩ II 2 D Ex tb IIIC T80　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
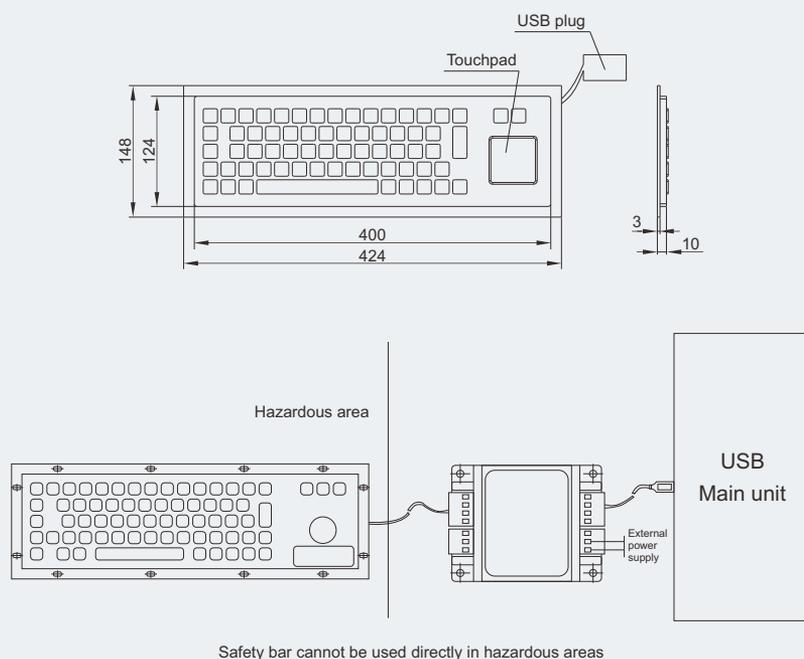
Note: this keyboard needs to be used in conjunction with our company's bpc-a explosion-proof safety bar.