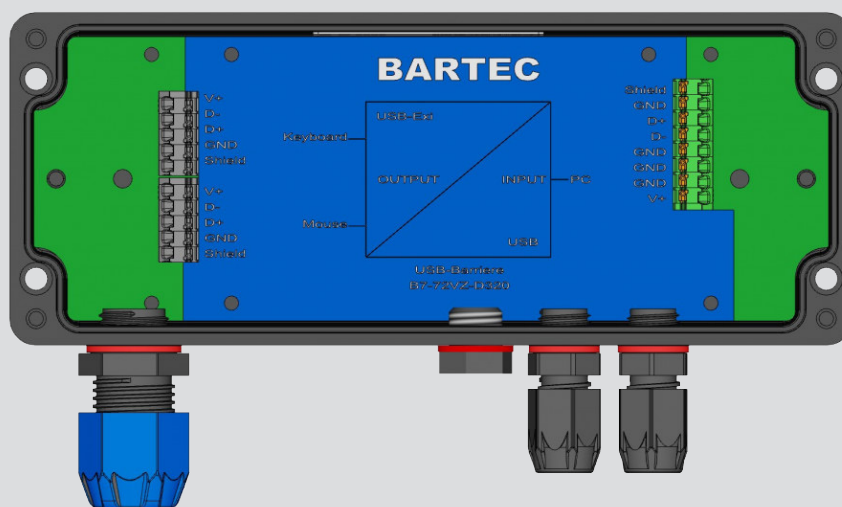


Polaris USB Barriere Exi

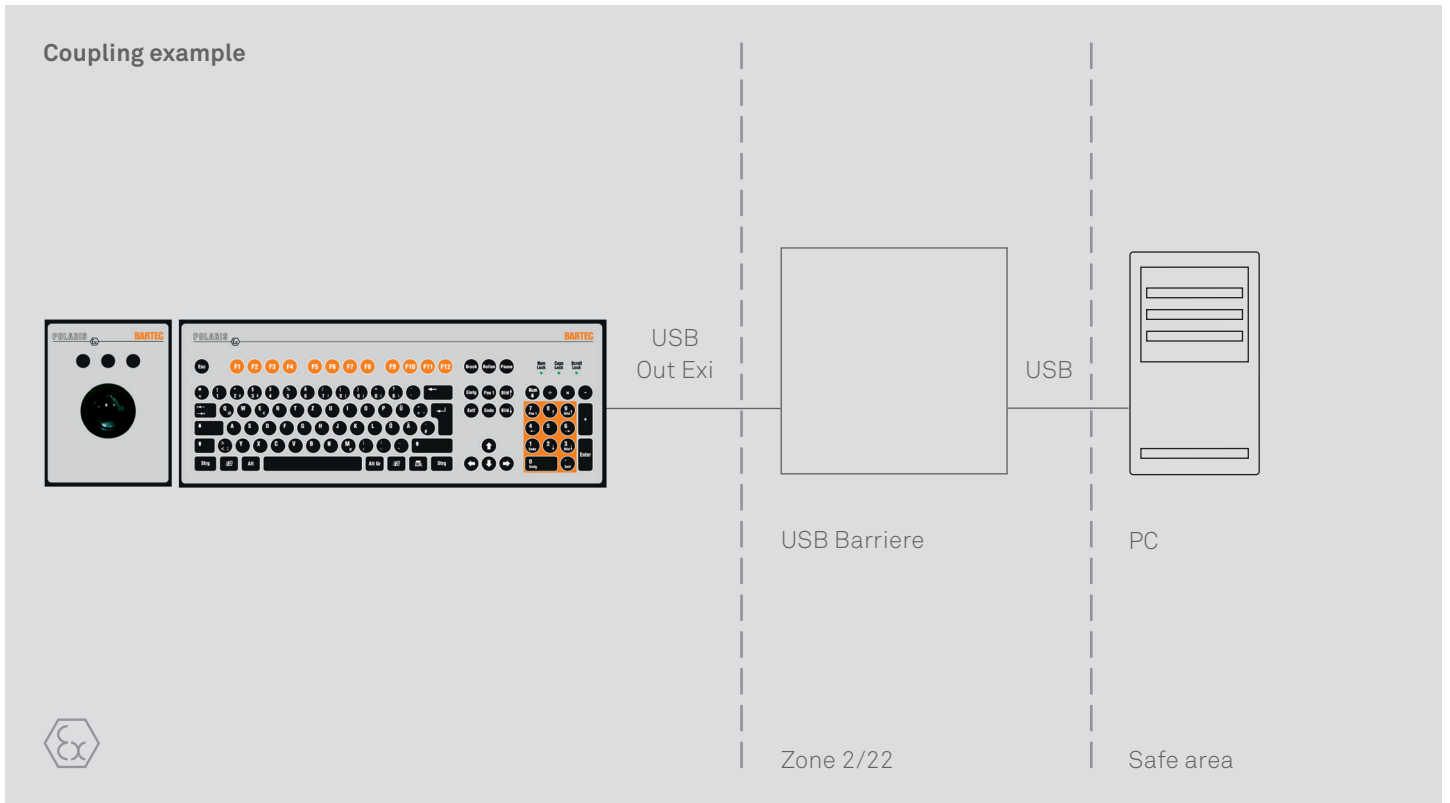
Datasheet



USB Barrier Exi for connecting intrinsically safe input devices of the POLARIS and POLARIS II series to a standard PC.

The USB Barrier Exi is installed in the safe area or may also be installed as associated equipment in Zone 2.

- Installation in zone 2 /22
- Outputs for zone 1 /21
- For POLARIS keyboard & track ball



Explosion protection

ATEX marking	II 3 (2)G Ex ec [ib IIC or IIB Gb] IIC T4 Gc II (2)D [Ex ib IIIC]
Test certificate	IBExU 09 ATEX 1113 X
IECEX marking	Ex ec [ib IIC or IIB Gb] IIC T4 Gc Ex tc [ib IIC or IIB Gb] IIIC T120°C Dc
Test certificate	IECEX IBE 21.0004X

Technical data

Structure	2-fold USB hub
Dimensions (without cable glands)	(Length x width x height) 190x75x50mm
Housing material	Polyester housing
Ambient temperature	From -25°C to +50°C
Supply voltage	USB PC (500mA)
Supply voltage (optional)	USB Y cable, for separate input (USB: 5 V)
Maximum power consumption	Pmax < 2,5 W
Relative humidity	From 5 to 95 % non-condensing
Input	USB 2.0
Output	2 x USB Exi

Tested intrinsically safe input devices

Zone 1 &21

POLARIS Keyboard	Typ: 17-71VZ-40.0
POLARIS Track ball	Typ: 17-71VZ-2000

Zone 2 &22

POLARIS II Keyboard with track ball 38mm	Typ: B7-72VZ-45.1
POLARIS II Keyboard with touchpad	Typ: B7-72VZ-45.2

Order number

Polaris USB Barriere Exi	B7-72VZ-D032
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