



Be ahead

# XPASS K12 B

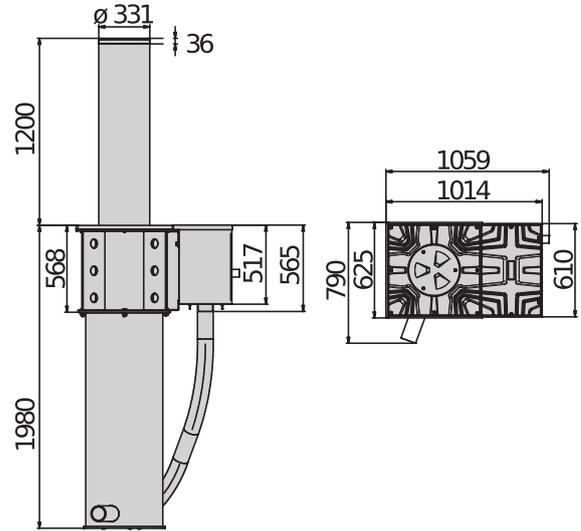




# XPASS K12 B



## Anti-Terrorism bollards



Automatic hydraulic anti-terrorism bollard, tested and certified (crash-tested) by independent body in accordance with standards IWA14-1:2013 and PAS 68 (equivalent to American standards K12 and K4), with independent hydraulic control unit. Suitable for the protection of sensitive sites. Independent side hydraulic pump for each bollard: in case of a control unit failure the other bollards remain functional, whereas maintenance operations are facilitated.



## Anti-Terrorism bollards

### XPASS K12 B

Code	Name	Description
P970105 00001	XPASS B 330/1200 BODY L	Anti-terrorism hydraulic bollard K12. Shaft height 1200 mm, diameter 330 mm and cap with LED lights. In case of a power outage the shaft does not lower spontaneously. RAL 7015 painted steel version. Hydraulic power unit not included, foundation box included Maximum breakage resistance Anti-terrorism certification
P970105 00101	XPASS B 330/1200 BODY L-RAL	Hydraulic anti-terrorism bollard K12. Shaft height 1200 mm, diameter 330 mm, with LED lights cap. In the event of a power failure, the shaft does not lower automatically. Painted steel version. Hydraulic control unit not included, RAL colour to order. Maximum breakage resistance Anti-terrorism certification
P970105 00002	XPASS B 330/1200 BODY LI	Hydraulic anti-terrorism bollard K12. Shaft height 1200 mm, diameter 330 mm and LED light cap. In the event of a power failure, the shaft does not drop spontaneously. Hydraulic control unit not included, foundation box included Stainless steel version. Maximum breakage resistance Anti-terrorism certification
D113828	XPASS B 330/1200 HYDR. UNIT	Hydraulic unit for XPASS B 330/1200 BODY L / LI without EFO device for rapid emergency raising
D114095	XPASS B 330/1200 HYDR. UNIT 60Hz	Hydraulic control unit for XPASS B 330/1200 BODY L/LI without EFO device for rapid emergency raising, 60 Hz.
D113829	XPASS B 330/1200 HYDR. UNIT + EFO	Hydraulic unit for XPASS B 330/1200 BODY L / LI with EFO device for rapid emergency raising
D114096	XPASS B 330/1200 HYDR. UNIT + EFO 60Hz	Hydraulic control unit for XPASS B 330/1200 BODY L/LI with EFO device for rapid emergency raising, 60 Hz.

**PERSEO CBE 230.P SD: Control unit with U-Link, receiver and incorporated heating circuit (to -40°C) for electro-mechanical and hydraulic bollards. Can manage up to 4 bollards at the same time (or up to 2 Xpass 1200)**



#### D113812 00002 - PERSEO CBE 230.P SD - Recommended



- Control unit with U-Link, receiver and incorporated heating circuit (to -40°C) for electro-mechanical and hydraulic bollards. Can manage up to 4 bollards at the same time (or up to 2 Xpass 1200)
- Application: Control panel for operating 1 to 4 automatic bollards, single-phase (in parallel) (or max. 2 XPASS B 330/1200)
- Board power supply: 230V single phase
- Output power: 230Vac single-phase, 12A max.
- Main features: removable terminal blocks, digital programming, 3-digit display, Proxima programmer connector, dual-channel receiver 2048 codes included, heater for operation to -40°C, complete support for anti-terrorism bollards, 11 inputs, 9 outputs.
- Main features: U-Link interconnectivity, automatic reclosing, separate open and close, pre-flashing, deadman control, automatic or semi-automatic, opening and closing limit switch management, arranged for UPS.

	XPASS B 330/1200 BODY L	XPASS B 330/1200 BODY L-RAL	XPASS B 330/1200 BODY LI	XPASS B 330/1200 HYDR. UNIT	XPASS B 330/1200 HYDR. UNIT 60Hz	XPASS B 330/1200 HYDR. UNIT + EFO
Control unit	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE	PERSEO CBE
Power supply	230 V	230 V	230 V	230 V	230 V	230 V
Rod height	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm
Rod thickness	25 mm	25 mm	25 mm	25 mm	25 mm	25 mm
Rod diameter	330 mm	330 mm	330 mm	330 mm	330 mm	330 mm
Type of limit switch	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor	REED magnetic sensor
Rod treatment	RAL 7015 painted steel and reflective film H: 100 mm	RAL 7015 painted steel and reflective film H: 100 mm	AISI304 or AISI316	RAL 7015 painted steel and reflective film H: 100 mm	RAL 7015 painted steel and reflective film H: 100 mm	AISI304 or AISI316 stainless steel
Raise time	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	max. 6.3 s (1.5 with HYDR. UNIT + EFO)	6,30 s	6,30 s	max. 6.3 s (1.5 in emergency)
Lower time	4 s	4 s	4 s	4 s	4 s	4 s
Break-in proof	2100000 J	2100000 J	2100000 J	2100000 J	2100000 J	2100000 J



## Anti-Terrorism bollards

	XPASS B 330/1200 BODY L	XPASS B 330/1200 BODY L-RAL	XPASS B 330/1200 BODY LI	XPASS B 330/1200 HYDR. UNIT	XPASS B 330/1200 HYDR. UNIT 60Hz	XPASS B 330/1200 HYDR. UNIT + EFO
Antiterrorism: reference standard	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation					
Manual cycle	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power	reversible by means of mechanical key with no power
Frequency of use	2000 Op/gg					
Protection rating	IP67	IP67	IP67	IP67	IP67	IP67
Environmental conditions	-40 ÷ 60 °C					

	XPASS B 330/1200 HYDR. UNIT + EFO 60Hz
Control unit	PERSEO CBE
Power supply	230 V
Rod height	1200 mm
Rod thickness	25 mm
Rod diameter	330 mm
Type of limit switch	REED magnetic sensor
Rod treatment	AISI304 or AISI316 stainless steel
Raise time	max. 6.3 s (1.5 in emergency)
Lower time	4 s
Break-in proof	2100000 J
Antiterrorism: reference standard	IWA14-1:2013 V/7200(N3C)/80/90 single bollard installation
Manual cycle	reversible by means of mechanical key with no power
Frequency of use	2000 Op/gg
Protection rating	IP67
Environmental conditions	-40 ÷ 60 °C

## RECOMMENDED ACCESSORIES

	<b>P800116 - TOTEM UNIT</b> Base module for TOTEM, can be used for both lower and upper units.		<b>new</b> <b>P800116 00102 - TOTEM UNIT - RAL</b> Base module for TOTEM, can be used for both lower and upper units. RAL colour as requested.
	<b>P800117 - TLIGHTS</b> Traffic lights and top covering for totem		<b>P800117 00102 - TLIGHTS - RAL</b> Traffic lights and upper cover for totem unit. RAL colour to order
	<b>P800108 - TCAP</b> Top covering without lights for elements of Totem.		<b>P800108 00102 - TCAP - RAL</b> Top covering without lights for elements of Totem. RAL colour as requested.



## Anti-Terrorism bollards

### RECOMMENDED ACCESSORIES

	<b>P800040 - TPF</b> Foundation and anchor plate for totem		<b>P800111 - MANUAL PUMP 2LT</b> 2 litre manual pump
	<b>P800112 - TAP FOR MANUAL PUMP</b> Joint for two-litre manual pump.		<b>P111786 - LOOP DETECTOR PRO</b> Metal object detector, 2 channels, 24 VDC/AC, up to 4 frequencies per channel for installation of adjacent coils, adjustable sensitivity level, boost function for increasing sensitivity, direction of travel management
	<b>D121619 - SPC3</b> Open stop close button panel.		<b>P111001 00003 - RME 2</b> 230 V dual channel metal object detector with installation base
	<b>D110926 00001 - SPIRA 2X1</b> Magnetic loop 2 x 1 m		<b>P800103 - XPASS 800 ALARM</b> Anti-vandalism alarm for XPASS 275/800
	<b>D113705 - ACOUSTIC DETECTOR</b> Adjustable acoustic detector for sirens		<b>P800114 - BOLLARD CABLE EXT25</b> Extra charge for 25 m cable for bollards (to be added to the 10 included into bollards)
	<b>P800115 - BOLLARD CABLE EXT50</b> Extra charge for 50 m cable for bollards (to be added to the 10 included into bollards)		