

Automatic bollards EMB

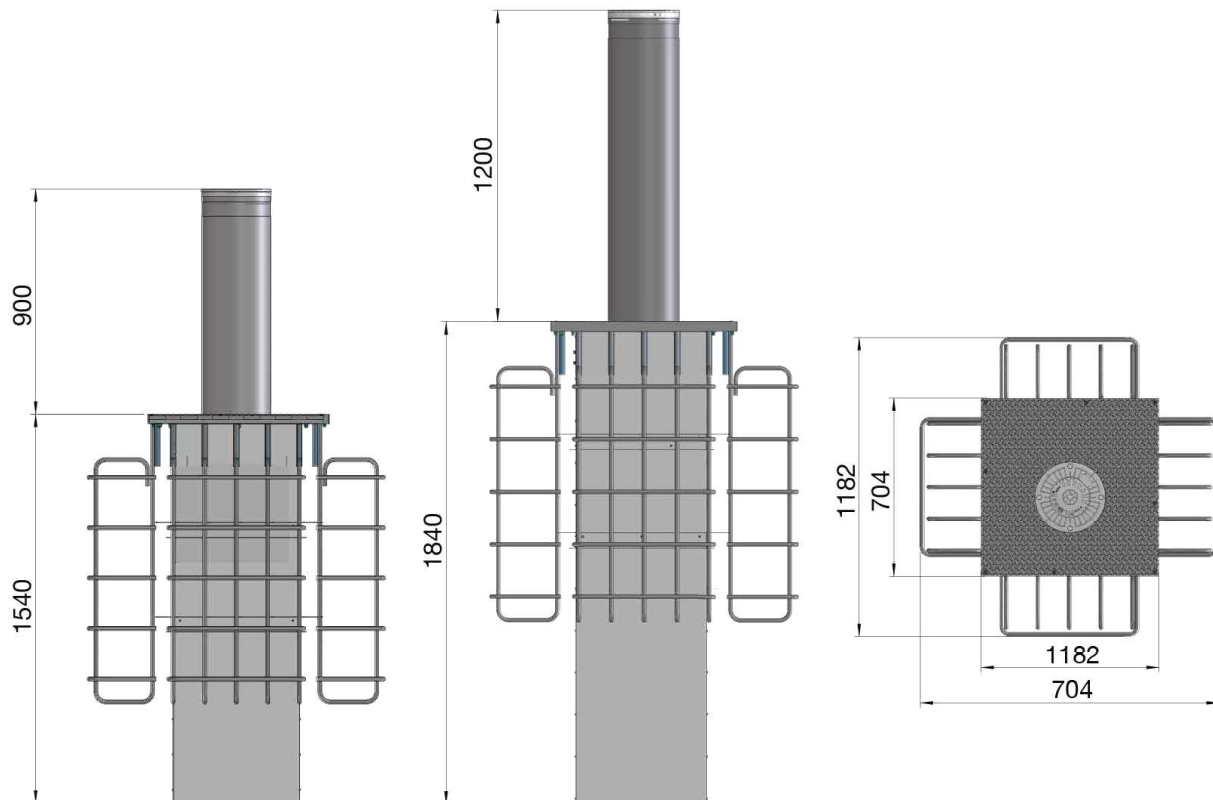
with integrated electromechanical operator

AE275/K4-900/ AE275/M30-1200



Product description		
Automatic Bollards (AE)	AE275/K4-900	AE275/M30-1200
Height	900 mm	1200 mm
Diameter	273 mm	273 mm
Material thickness	10 mm	16 mm
Material	Steel S355JR Stainless steel (AISI 304) /(AISI 316)	
Surface treatment	Steel version: anti-corrosion treatment – standard painting* Stainless steel version: standard painting* or brushed	
Reflecting strips (height 55 mm)	Yes	
Lifting speed	22 cm/s	22 cm/s
Lowering speed	22 cm/s	22 cm/s
Manual emergency lowering	Yes	
Connecting cable to control unit	Standard 10 m – (max. 50 m)	
Control unit voltage	230/400 V AC (+/- 10%) 50/60 Hz	
Protection category	IP 67	
Cycles per day	2,000	
Overall cycles (service life)	Approx. 3,000,000	
Impact energy without destruction - impact resistance	250,000 J	700,000 J
Impact energy with destruction - breakout resistance	750,000 J	1,200,000 J
Load rating acc. to EN 124	D400 Regulation	
Temperature range	From -40°C to +70°C (for low temperatures, see heating element)	
Certified acc. to	PAS68, IWA14-1, ASTM M30 (K4)	PAS68, IWA14-1, ASTM M30 (K4)
Conforming with	-	ASTM M40 (K8)

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



AE275/K4-900/ AE275/M30-1200 with integrated electromechanical operator		AE275/K4-900	AE275/M30-1200
		Article no.	Article no.
Automatic bollard AE275/K4-900/ AE275/M30-1200	Steel painted	PY101092	PY101022
	Stainless steel painted	PY107092	PY107022
	Stainless steel brushed	PY113092	PY113022
Automatic bollard 2AE275/K4-900/ AE275/M30-1200 + Lighting strips with 25 LEDs	Steel painted	PY103092	PY103022
	Stainless steel painted	PY108092	PY108022
	Stainless steel brushed	PY115092	PY115022
Automatic bollard 2AE275/K4-900/ AE275/M30-1200 + Lighting strips with 25 LEDs + EFO emergency function to quickly raise the bollard (in approx. 1.5 s)	Steel painted	PY122092	PY122022
	Stainless steel painted	PY123092	PY123022
	Stainless steel brushed	PY124092	PY124022
Foundation box for automatic bollards		Article no.	
Steel foundation box with aluminium zinc coating, with counterframe and reinforcement rods	AE275/K4-900	PY151032	
	AE275/M30-1200	PY151034	
Stainless steel foundation box, water-tight version, with immersion pump, counterframe and reinforcement rods	AE275/K4-900	PY151033	
	AE275/M30-1200	PY151035	
Surcharge for upper stainless steel counterframe (AISI 304)		AA101861	
Suspended foundation box kit for AE275/K4-M30 bollard – upper plate, frame cover and lower water-tight stainless steel foundation box (excluded chemical anchors)		AA105671	
ATTENTION! The bollard assembled in the suspended foundation box is not crash-test certified			
Metal cover cap for foundation box (with screws)		AA900351	
Controls for automatic bollards			
The specified prices are valid only when the control is supplied in combination with the bollard system.			
Controls for bollards		for 1bollard	for 2bollards
	Article no.	PY152001	PY152002
		PY152003	PY152004
		PY152005	PY152098
AE275/K4-900/ AE275/M30-1200			
Controls for bollards with EFO emergency function		for 1bollard	for 2bollards
	Article no.	PY152011	PY152012
		PY152013	PY152014
		PY152015	PY152099
AE275/K4-900/ AE275/M30-1200			
Controls for more than 10 bollards without / with EFO emergency function on request.			
Optional extras for automatic bollards		Article no.	
Surcharge for painting the cylinder in RAL to choose		AA900741	
Surcharge for cylinder version in brushed stainless steel (AISI 316)	Cylinder 275-900	AA104071	
	Cylinder 275-1200	AA104101	
Acoustic warning signal (for bollards only in combination with LED lighting strips)		AA101051	
Protection against corrosion - marine treatment - for Steel painted bollards (recommended for saline ambient conditions)	AE275/K4-900	AA107081	
	AE275/M30-1200	AA107121	
Protection against corrosion - marine treatment - for painted stainless steel bollards (recommended for saline ambient conditions)	AE275/K4-900	AA107091	
	AE275/M30-1200	AA107131	
Protection against corrosion - marine treatment - for brushed stainless steel bollards (recommended for saline ambient conditions)	AE275/K4-900	AA107101	
	AE275/M30-1200	AA107141	
Knurling on AE275/K4-M30 bollard with steel cylinder (difference)	Cylinder 275-900	AA101781	
	Cylinder 275-1200	AA101811	
Knurling on AE275/K4-M30 bollard with stainless steel cylinder (difference)	Cylinder 275-900	AA101831	
	Cylinder 275-1200	AA101821	
Emergency lowering in case of power failure		per control	
Heating element incl. transformer and thermostat 80 W, connecting lead 10 m		AA107071	
Heating element incl. transformer and thermostat 150 W, connecting lead 10 m		AE275/K4-900	
		AA100041	
Extended connecting cable from bollard AE275-M30 / K12 / M50 to control (max. 50 m total) supplied in 5 m increments		AE275/M30-1200	
		AA100901	
Per m		AA107111	
UPS device 3.0 kW – 3 kVA for further operation of 3 bollards (up to 1 hour max. and approx. 10 actuations)		AE275/K4-900	
		BB900771	
UPS device 3.0 kW – 3 kVA for further operation of 1 bollard (up to 1 hour max. and approx. 10 actuations)		AE275/M30-1200	
		BB101761	
Cylinder cover (head) and reflecting strip (no logo)		difference	
		AA108811	
Surcharge for stainless steel base plate (corrugated sheet) (AISI 304)		AA101871	
Surcharge for stainless steel cylinder cover (AISI 304)		AA101911	
Surface customisation of the cylinder cover, e.g. with a city crest or a logo			
Kit to modify the bollard AE275 K4/M30/K12/M50 for inclined road		AA108151	
Project inclination required (if not available)		AA108161	