

275/K4 900A-1200A



AUTOMATIC HYDRAULIC ANTI-TERRORISM BOLLARD WITH BUILT-IN UNIT

The 275/K4 900A and 275/M30 1200A automatic bollards have been designed to ensure the anti-terrorist defence. Current models are the result of our 40 years' experience in the security field and in excess of 20 years in the specific design and manufacture of automatic bollards.

The 275/K4 bollard is recommended for use in any security sensitive site like company driveways, industrial driveways, research centres, embassies, police facilities, military bases, etc..

The 275/K4 is available with a large number of optional accessories that allow you to customize your system according to your security needs.



PAG.1/3

PILOMAT
HÖRMANN
100% MADE IN ITALY

PILOMAT s.r.l.
www.pilomat.com / pilomat@pilomat.com
Via Zanica 17/p, 24050, Grassobbio (BG) Italy
Tel. +39.035.29.72.20
Copyright 2021© Pilomat S.r.l. All rights reserved

REVIEW 18/11/2021

*Information in this document is for reference only. In pursuit of its policy of continuous refinement and improvement, Pilomat reserves the right to amend this information at any time and without prior notice.
Picture shown is for illustration purpose only.*

275/K4 900A-1200A



AVAILABLE ITEMS

BOLLARD 275/K4 FEV - NORMAL STEEL PAINTED

BOLLARD 275/K4 IXV - STAINLESS STEEL PAINTED

BOLLARD 275/K4 IXS - STAINLESS STEEL BRUSHED

FOUNDATION BOX IN ALUZINC FOR 275/K4 - COUNTERFRAME AND REBARS
ONE FOUNDATION BOX FOR EACH BOLLARD

CONTROL UNIT FOR 275/K4

MULTILED LIGHTING STRIP- 25 LED POINTS

E.F.O. CIRCUIT FOR EMERGENCY RISING (ABOUT 1")

ACOUSTIC WARNING SIGNAL FOR AUTOMATIC BOLLARD

REFLECTING ADHESIVE STRIP - WHITE (NO-LOGO)

HEAD WITHOUT LOGO FOR 275/K4

PAINTING WITH RAL COLOUR ON REQUEST

CYLINDER IN AISI 316 STAINLESS STEEL

BIODEGRADABLE OIL FOR HYDRAULIC UNIT

HEATING RESISTANCE FOR BOLLARDS - TRANSFORMER AND THERMOSTAT
ONE RESISTANCE FOR EACH BOLLARD

RADIO RECEIVER

RADIO TRANSMITTER TWO-CHANNEL

TRAFFIC LIGHT WITH TWO LIGHTS (GREEN-RED)

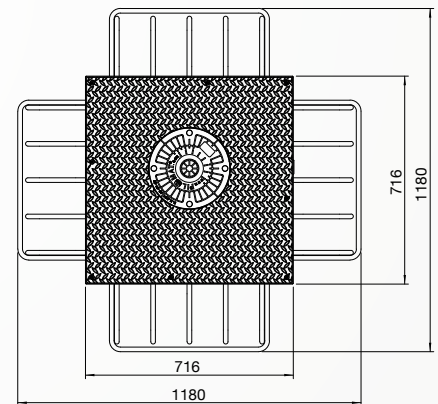
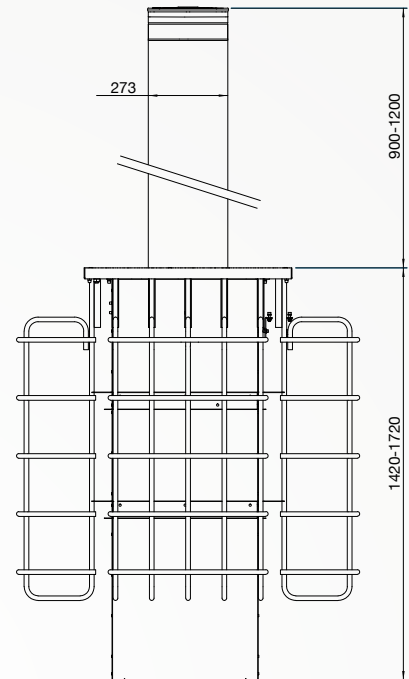
INDUCTIVE DETECTOR FOR LOOPS

INDUCTIVE LOOPS

TIMER PROGRAMMER

CARD READER

LOCK SELECTOR



PAG.2/3

PILOMAT
HÖRMANN
100% MADE IN ITALY

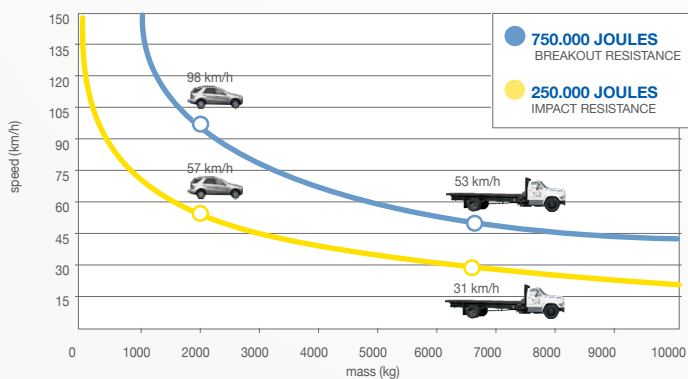
PILOMAT s.r.l.
www.pilomat.com / pilomat@pilomat.com
Via Zanica 17/p, 24050, Grassobbio (BG) Italy
Tel. +39.035.29.72.20
Copyright 2021© Pilomat S.r.l. All rights reserved

REVIEW 18/11/2021

275/K4 900A-1200A



| | 275/K4-900A | 275/M30-1200A |
|---|---|--|
| CYLINDER MATERIAL | S355JR NORMAL STEEL X5CrNi 18-10 (AISI 304) STAINLESS STEEL - X5CrNiMo 17-12-12 (AISI 316) STAINLESS STEEL | |
| CYLINDER DIAMETER | 273mm | |
| CYLINDER HEIGHT | 900mm | 1200mm |
| CYLINDER THICKNESS | 10mm | 16mm |
| MOVEMENT PRINCIPLE | HYDRAULIC | |
| CYLINDER NORMAL STEEL FINISH | ANTI-CORROSION TREATMENT - GREY ANTHRACITE STANDARD PAINTING | |
| CYLINDER STAINLESS STEEL FINISH | GREY ANTHRACITE STANDARD PAINTING OR BRUSHING | |
| OTHER CYLINDER FINISH | KNURLING | |
| REFLECTING ADHESIVE STRIP | STANDARD - HEIGHT 55mm | |
| RISING SPEED | 12,5cm/s (OPTIONAL: E.F.O. RISING TIME 1") | 22cm/s (OPTIONAL: E.F.O. RISING TIME 1") |
| LOWERING SPEED | 26cm/s | 30cm/s |
| MANUAL EMERGENCY LOWERING | STANDARD | |
| CONNECTION LINE TO CONTROL UNIT | STANDARD 10m (MAX. LENGTH 80m - WITH HEATING RESISTANCE MAX. 50m) | |
| VOLTAGE FOR CONTROL UNIT | 230/400VAC (+/- 10%) 50/60HZ | |
| HYDRAULIC UNIT | BUILT-IN INTO THE BOLLARD | |
| PROTECTION CLASS | IP67 | |
| TYPE OF USE | INTENSIVE - 2.000 CYCLES/DAY | |
| LIFE UNITS | 3.000.000 CYCLES | |
| IMPACT RESISTANCE (WITHOUT DEFORMATION) | 250.000 J | 700.000 J |
| BREAKOUT RESISTANCE | 750.000 J | 1.200.000 J |
| NOMINAL OPERATING TEMPERATURE | -40 °C +70 °C (FOR LOW TEMPERATURES SEE THE HEATING RESISTANCE) | |
| ANTI-CORROSION TREATMENT "M" | OPTIONAL - RECOMMENDED FOR INSTALLATIONS AT LESS THAN 2KM FROM THE SEA OR WHERE SALT IS USED TO PREVENT THE FORMATION OF ICE ON ROADS DURING WINTER | |
| LOAD CLASS (EN124) | D400 | |
| CERTIFIED | PAS68:2013 V/7500(N3)/48/90:1.0/2.5 IWA14-1:2013 V/7200(N3)/48/90:1.0 | PAS68:2013 V/7500(N3)/48/90:4.6/4.9 IWA14-1:2013 V/7200(N3)/48/90:4.9 ASTM F2656/F2656M-20 C730 P2 |



2.000 Kg

7.500 kg

