



Underground operator for swing gates of up to 1.8 meters per gate leaf

new FROG-J

The underground operator, unique and exclusive, requiring no prior fitting

Today the underground operator can be installed even without prior fittings or masonry work. All you need are 85mm to position this revolutionary system which blends aesthetic value into Came's technological edge.




CAME
AUTOMATIC GATES

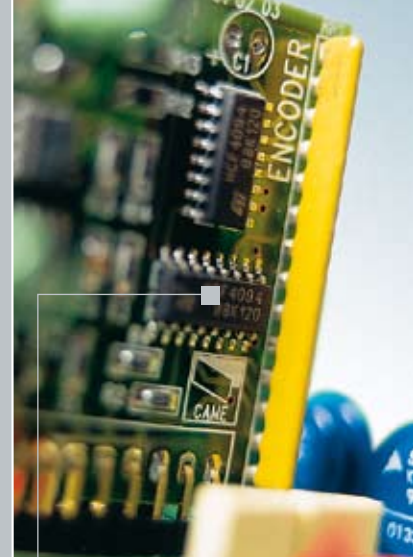
FROG-J

Just 85mm of underground automation!



Came's latest solution for installing an underground operator even when gates are not previously fitted to do so. In fact, FROG-J needs very little space.

Requiring little, if any masonry work, it adds the value of an underground system to that of one with no extra costs. It's a Came solution!



EN CONFORMITY

The thrust is always under control! The dedicated control panel, constantly monitors the movement of the gate-leaves through ENCODER. It also provides a safe thrust, which conforms to the current EU standards.

Innovative and exclusive integrated release system with custom key. It is comfortable, safe, waterproof, and protected by its water sealed door. Which makes it easy to reach whether you are outside and inside the gate.

Blackouts no more! Frog-J's 24V electronics will automatically read any power outages and turn on the emergency mode which runs on batteries added to the unit (accessories).

The electronics

Besides the normal command and safety functions, FROG-J's new electronics provides certain new additions which give you total control of the operator and an optimal service level, these being:

> **MOVEMENT MONITORING through ENCODER:** to control the gate's run, it's thrust and slow downs, while being totally safe for the user.

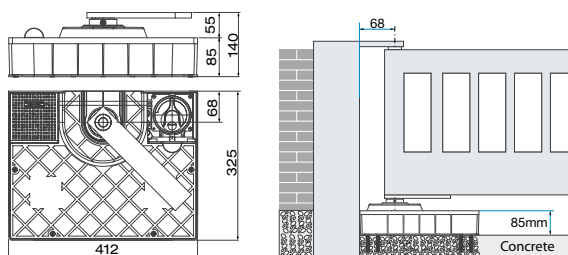
> **Dedicated Control Panel:** which takes emergency batteries and recharge card to deal with those blackout situations.

> **Easier to install:** using just one tri-polar cable to handle the power supply and slow downs.

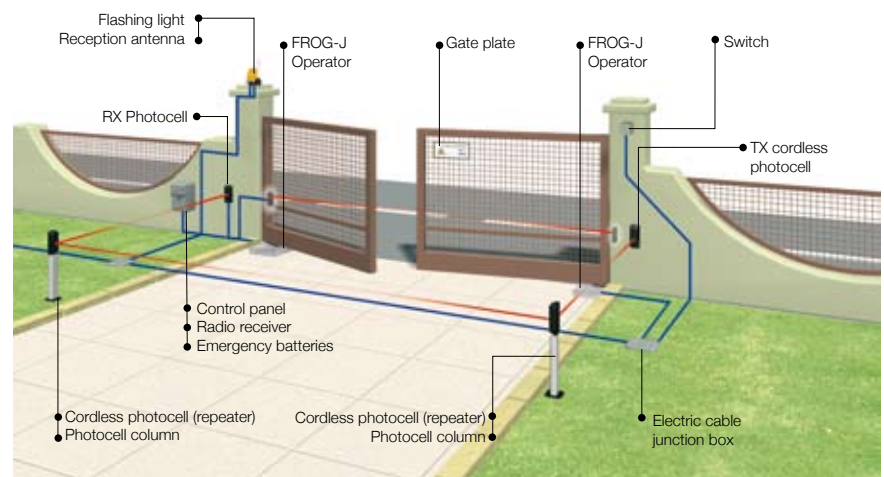
The models

FROG-J	Operator
FROG-JC	Foundation casing
A4617	Custom-key release
ZL90	Control panel
LB90	Card for emergency batteries

Dimensions:



Standard Installation:



Technical features:

Type	FROG-J
Protection rating	IP67
Power supply (50/60Hz)	230V
Motor power supply	24V D.C.
Max draw	10A
Power	240W
Operating speed (90°)	adjustable
Operating intermittence	intensive service
Thrust	260N
Operation temperature	-20°C ÷ +55°C

The data and information shown in this catalogue are subject to change without the obligation to give prior notice by CAME cancelli automatici S.p.A.



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