



Emergency operation with UPS avoids water hammer

*Photograph shows
SIPOS 5 actuators installed
with an Uninterruptible
Power Supply (UPS) in a pump
control / emergency shut-off
application.*



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Design Challenge

Single Phase Solution

Three phase Uninterruptible Power Supply (UPS) systems are costly to purchase. Therefore, there is strong demand to supply actuator products which utilise single phase power supplies, address water hammer and have low nominal / maximum power consumption.

Solution

SIPOS 5 actuators with UPS power supply

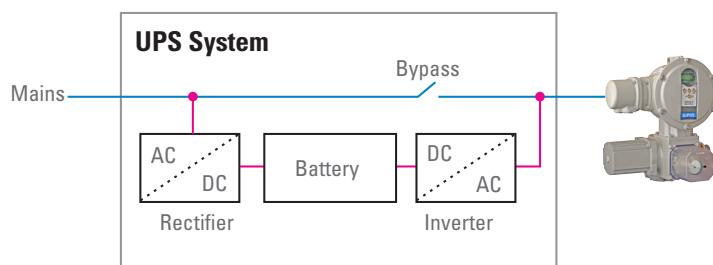
SIPOS Aktorik can provide single phase actuators (with three phase asynchronous motors) for standard and modulating duty.

Low power consumption and proven reliability in the SIPOS 5 actuator, combined with a single phase power supply, allows low cost UPS systems to be used in 230 V single phase systems: this ensures emergency operation in the event of a pipe break.

Additionally, mains water systems are controlled without potentially damaging pressure surges (water hammer).

Technical Data

UPS system



Locations

Various across Europe
See reference sites box



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