

Sentex SW 2200

The SW 2200 is an electronic swing gate operator for commercial and light industrial installations. This gate operator has been designed to deliver years of dependable performance and offers many built-in conveniences, such as master/slave gate operation, right hand/left hand selectability, dynamic braking, LCD system controls and much more. This continuous duty operator is designed to support gates up to 22 feet long weighing 1200 pounds.

The SW 2200 includes the use of a heavy-duty wormgear-in-oil-bath reducer, flux vector motor with soft-starts/soft-stops and a gold colored zinc-plated frame. In addition, all of your preventive maintenance and servicing needs have been simplified by SENTEX SYSTEMS' attention to detail. The attractive and durable fade resistant polypropylene molded cover of the SW 2200 can be opened or removed without disassembling the swing arm.

At SENTEX SYSTEMS, we understand the concerns associated with gate operation since gates include moving parts and powerful motors. To minimize risk associated with gate installations we have implemented the required guidelines of UL325. The updated Underwriters Laboratory (UL) 325 listing covers many areas of the gate installation. Most of the guidelines are focused on obstruction sensing and how the system reacts to an obstruction. SENTEX SYSTEMS' SW 2200 has inherent obstruction sensing that utilizes a Hall Effect sensor to monitor the rotational speed of the drive system during opening and closing. If an



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obstruction is sensed the operator will stop and then back up, by a pre-determined distance, releasing pressure on the obstruction. This is just one of the many ways that the SW 2200 provides you with maximum protection.

To complete a well-planned installation, demand a SENTEX SYSTEMS UL325 listed operator, and you will have the entire SENTEX SYSTEMS team behind you, a team built on our quality and customer service.

Full System Capability

The SW 2200 can be used with a manual override switch installed at a guard station and/or a 3rd party access control system to permit visitor access. The open request from either system will initiate the appropriate cycle.

Inherent Obstruction Sensing

A built-in Hall Effect sensor is used to monitor the rotational speed of the drive system. If this speed changes during opening or closing the operator will stop and release pressure on the obstruction.

External Obstruction Sensing

In addition to the inherent obstruction sensing, the SW 2200 operators provide terminal connections for external devices such as photo eyes.

Obstruction Sensing Alarm

If the operator senses two obstructions during a single cycle, a separate loud audible alarm sounds to alert anyone in close proximity that assistance is required.

Master/Slave Operation

The SW 2200 can be configured as a master/slave and right/left operation to ensure consistent open and close cycle for both operators simultaneously when there is a requirement for two separate gate operators to operate in unison at a single entrance. This configuration is made simple with the utilization of a two-wire communication connection.

Long Distance Control Wiring

An external device, such as an exit request, may be hard wired up to 1000 feet from the operator to initiate the appropriate cycle.

Timer to Close

An adjustable timer (1 – 220 sec.) is used to close the gate after a pre-determined time has expired. A "defeat" jumper is also included in the event the feature is not required.

Control Station

A one button (Emergency Stop) control station is included with the unit.

Accessory Power

The SW 2200 includes a 24 VAC pre-wired terminal strip for field connection of access control equipment and three 115-volt convenience receptacles that can be used for installation and servicing tools.

Dynamic Braking

This brake is used for precise slowing and stopping of the operator. The gear reducer, by stopping back drive, will hold the gate in any desired position preventing the gate from being forced open.

Electronic Limit Sensing

The self-learning internal limit settings for positioning of the gate will not require adjustment of resetting after manual operation or a power outage.

On/Off Switch

An On/Off power switch is included to make installation and servicing easier.

Harmonic Arm Design

The harmonic arm is designed to lock the gate in a closed position and allow smooth operation while in motion.

Emergency Disconnect

An emergency disconnect provides easy conversion to manual gate operation should the unit require servicing. To prevent vandalism the cover can be padlocked.

OPTIONS

Full Systems Battery Backup

With the full system battery backup, the loss of power is undetectable because the operator supplies back-up power to the complete system. When this battery falls below system requirements, the operator will function one final time to either hold open or hold close the gate based on your selection.

Specifications

Power:	1Hp @ 115 Volts, 1Ph, 60Hz
Cycles:	Continuous Duty
Speed:	15 seconds for 90 degrees
Max. Length & Weight:	1 Hp = 0 – 22 Feet @ 1200 lbs.
Dimensions:	30 1/2" H x 24 1/4" W x 18 1/2" D
Warranty:	One Year
Listing:	UL325, Class I, II, III & IV

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Sentex Systems has continued to exceed our customers' expectations through quality products, expert innovation, premium value and superior service. Having recently merged with Link Controls of New York and AccessMaster of Wisconsin (formerly Moore-O-Matic), now the Sentex name means even more to you.

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