



Car Wash Application

more sensors, more solutions

Conveyorized Tunnel

Using Sensors From Banner Engineering

Soap Activation

- Detects front of vehicle and triggers soap/foam jets.
- Remains active while vehicle is blocking the sensor.

QS30EX/RX
Data Sheet: p/n 115011



Rinse Activation

- Detects front of vehicle and triggers rinse cycle.
- Remains active while vehicle is blocking the sensor.

QS30EX/RX
Data Sheet: p/n 115011



Anti-Collision

- Verifies that prior vehicle has exited car wash.
- Allows conveyor to "eject" car from system to exit the wash.

S18 M-GAGE
Data Sheet: p/n 114430



Under-Carriage Wash Trigger

- Detects presence of a vehicle while it is in the undercarriage wash zone.
- Signals the pumps to start/stop undercarriage wash.

S18 M-GAGE
Data Sheet: p/n 114430



QS30EX/RX
Data Sheet: p/n 115011



Dryer Activation

- Triggers dryers to turn on and off.
- May control dryer distance from vehicle.

T30U Ultrasonic
Data Sheets: p/n 57438 Analog
p/n 59200 Discrete



Chemical Level

- Sensors monitor the level of the soap and chemical solutions.
- Low levels may trigger alarms or automatic refills from remote tanks.

QS30EX/RX
Data Sheet: p/n 115011



Entry/Exit Doors

- Verifies that vehicle has either entered or exited the car wash.
- Prevents doors from closing on the vehicle.
- Dual sensors may be used: one inside and one outside.