



Car Wash Application

more sensors, more solutions

In-Bay Automatic/Rollover

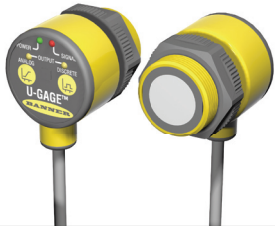
Using Sensors From Banner Engineering

Chemical Level

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

T30U Ultrasonic

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



QS30EX/RX

Data Sheet: p/n 115011



Vehicle Profiling

- Accurately determines vehicle front and back bumper position.
- Allows gantry to travel minimal distance to ensure a quick, close wash.
- Helps prevent vehicle damage.
- Most powerful "burn-thru" sensor, without requiring an external amplifier.

S18 M-GAGE

Data Sheet: p/n 114430



Exit Verification

- Verifies that vehicle has exited car wash.
- Signals dryers to turn off.
- Prompts entry doors to open and admit next vehicle.

S18 M-GAGE

Data Sheet: p/n 114430



Teller/Coin Box and Menu Selection

- "Wakes up" teller.
- Doors open when correct code is entered, and previous vehicle has exited bay.
- Verifies that vehicle has departed coin box area.

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.

QS30EX/RX

Data Sheet: p/n 115011



Entry/Exit Doors

- Verifies that a 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.



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Car Wash Application

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

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QS30EX/RX

Data Sheet: p/n 115011



Dryer Activation

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

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p/n 59200 Discrete



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QS30EX/RX

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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.