



MSA Remote Shutdown System [for Bobtails]

The MSA Remote Shutdown System (RSS) meets remote emergency shut-off control requirements for bobtails delivering liquefied compressed gas. The MSA RSS is a permanently installed system, which is directly connected to the vehicle's electrical controls and allows the operator to command remote emergency shutdowns at a safe distance. **Fail-safe** design features require setting the brakes and powering on the system prior to opening the primary discharge valve of the Bobtail. The system

also powers OFF and closes the valve upon loss of power and brake engagement.

Features

- Long range operation of up to 328 ft. (100 meters)
- Meets DOT HM 225A
- Integral antenna
- Weatherproof design
- Built-in diagnostics on receiver
- Low-battery warning on transmitter
- Addressable Teach function
- High RF resistance

Benefits

- Increased worker safety by allowing operator to command remote emergency shutdowns
- Increased worker safety by requiring manual reset of the device
- Keeps Bobtails operating in compliance with current regulations
- Requires no special wiring of antenna
- Retrofits to existing installations
- Fail safe design won't inadvertently shutdown engine while operating vehicle



The RSS is available in three configurations:

RSS Basic – Comes with the minimum hardware to provide the remote shutdown only. The receiver is configured only with the shutdown relay for the vehicle engine control. Connects to RegO valve.

RSS Plus – Provides same features as the basic and adds additional hardware to provide a pneumatic output for belly valve control. Pneumatic air for the Belly valve is routed through the receiver / interface unit to allow for remote shutdown of both the vehicle engine and the Belly valve. Connects to Fisher valve.

RSS Deluxe – Adds two additional pneumatic outputs to the RSS Plus system. This allows remote control not only of the vehicle engine and belly valve but also provides on / off control for the vehicle PTO (power take off) and throttle. Connects to RegO or Fisher valve.

For over 90 years MSA has been dedicated to protecting the safety of workers everywhere through innovative products for many industries. The RSS is a complimentary extension to that family of products designed for Emergency shutdown for gas delivery in the LP gas industry.

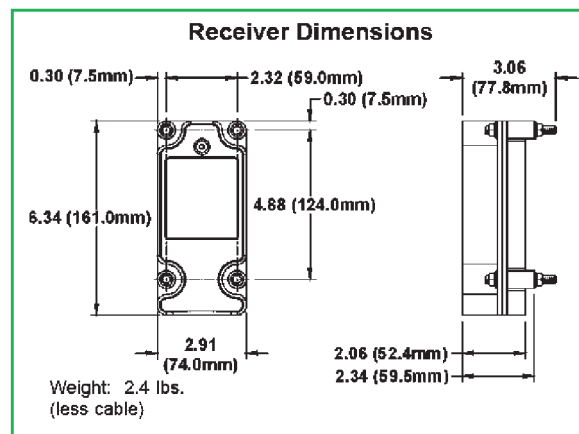
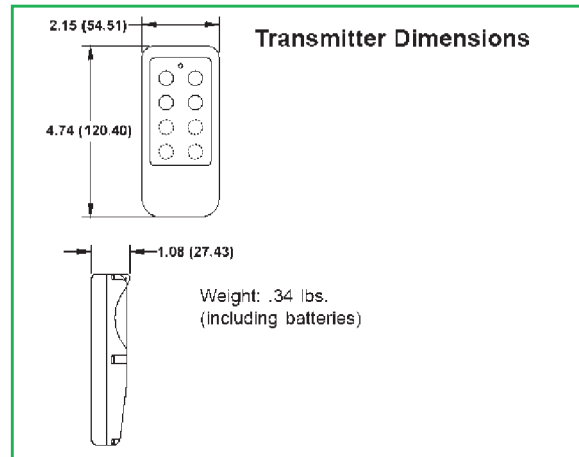
MSA has **world-class service centers** throughout North America to meet any technical support need.

Transmitter Specifications

- Very lightweight (155g) with batteries
- Runs on 2 standard alkaline batteries
- Includes low power indicator
- Jammed button detection
- Modulation: FM
- Internal antenna
- Shock resistant
- Very low power consumption
- Long battery life
- Operating Temperature: -40°F to 140°F

Receiver Specifications

- Multiple supply voltages:
DC Type: 12~24 volts DC
AC Type: 48/100, 110/220, 230/380 VAC
(110/220 Default)
- Power-on/mainline contact
- LED display of power and contact closure status
- Sensitivity: Approx. -105 dBm
- Pre-wire 6 ft. (1.83 meter) cable
- Control relay rating:
10A @ 125 VAC
5A @ 250 VAC
8A @ 30 VDC
- 4-point shock mount designed for demanding mobile and industrial applications
- Independent common configuration for mixed control voltage applications



Ordering Information

System	Complete System P/N	Receiver Only P/N	Transmitter Only P/N
RSS Basic System	10061261	10061256	10061255
RSS Plus System	10061260	10061257	10061255
RSS Deluxe System	10061259	10061258	10061255

Note: This Data Sheet contains only a general description of the product shown. While uses and performance capabilities are described, under no circumstances should the product be used except by qualified, trained personnel, and not until the instructions, labels or other literature accompanying the product have been carefully read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning this product.

Data Sheet 07-2082
Oct 2004 (L)
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