

General Description

The *Remote Control Box* (RCB) for the MEMDOS DX is a product which offers additional control flexibility to the pump by allowing the control box to be mounted away from the pump itself.

What does it do?

The RCB integrates a water-tight, die-cast aluminum junction box to the main pump chassis. With this feature the necessary control wiring allows for the control box to be mounted up to 150 feet from the pump. This configuration allows an operator to manually operate the pump from a more convenient location.

How does it work?

The RCB allows all necessary pump control communications and power to be routed from the control unit through the Pump Control Junction Box.

Why do you need it?

This feature adds flexibility to the MEMDOS DX product by giving the customer the flexibility to operate the pump from a control box mounted on a local control panel, a containment wall, or in a control room. The options for mounting are numerous.

This feature also eliminates the need for operators to have to bend over or crouch while manually operating the controls of this pump, thereby decreasing the chance for operator discomfort or injury.

What is it made of?

The Control Junction Box is made from powder coated, die-cast aluminum which is watertight and designed for use in environments typical for metering pumps. The Control Box assembly is also constructed of a coated, die-cast aluminum with a watertight seal when properly installed.

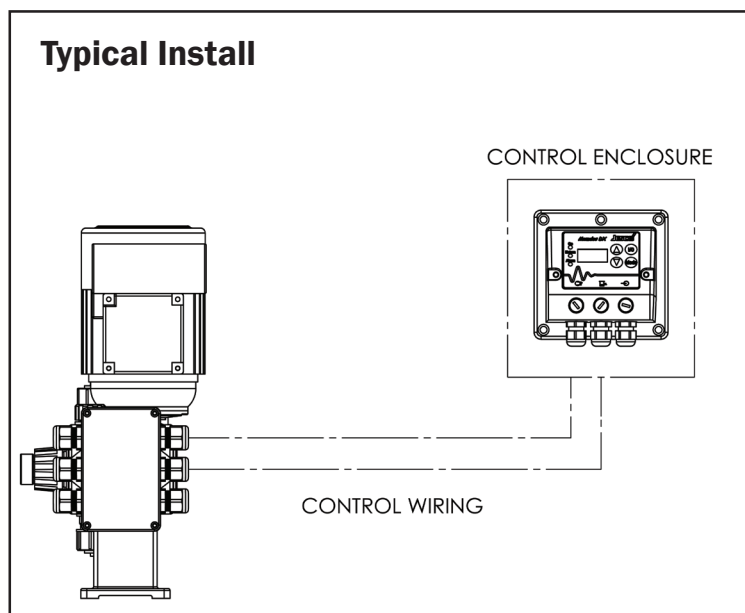


Where does it go?

The RCB is mounted to a local control panel, containment wall, or any place where there is an adequate mounting surface. The Control Junction Box is factory installed and tested with the pump and control box.

How is it installed?

1. The pump is installed as a typical MEMDOS DX.
2. The controller is mounted in its remote location.
3. The customer connects the control junction box to the RCB using the appropriate connection/wiring harness as specified by Lutz-JESCO America Corp.



Recommended Control Wiring

The maximum distance for the Remote Control Box is 150 linear feet of cable. The required cable specifications are:

14awg THHN wire between Pump Controller-Junction Box

- White-N
- Blk-M1
- Red-M2
- Green-ground

18awg shielded cable 1 pair

- Blk- Stroke input
- Brown- + volts
- Blue- COM volts
- Shld-Shld Tie to ground one end only in Local Control Panel

Appropriate cable is available in lengths of 50 ft., 100 ft., and 150 ft.

