



## **DRD-100 Dry-Run Detector**



Yamada, the pioneer of innovation in the air-powered pump industry, is pleased to introduce the revolutionary Dry-Run Detector (DRD-100).  
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The operating principal behind the DRD-100 is simple, yet very effective. This engineered product senses an increase in air volume, due to loss of prime or dry running, and automatically turns off the pump, preventing excessive cycling.

## □ FEATURES

- Extended lifetime of diaphragms
- Saves energy cost
- Eliminates air consumption in dry run applications
- Prevents air valve from premature failure
- Is intrinsically safe
- Can be fitted with remote warning

## □ SPECIFICATIONS

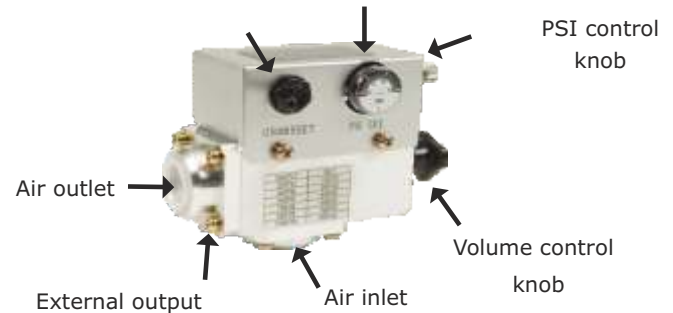
- Working pressure range: 1,7 to 9,5 Bar
- Connection diameter:
  - Air inlet NPT 3/4"
  - Air outlet NPT 3/4"

## □ INSTALLATION

- Install the DRD-100 between the filter regulator and the pump. The DRD-100 must use the same regulated air as the pump.
- The DRD-100 should be installed within 1 meter of the pump.

## □ APPLICATION

Changeover switch: Turn to the left "ON" Turn to the right "RESET"



## External output detector

This connector transmits a signal to an external device when a surge is detected. The connecting port is an M5 type. Use a tube fitting to connect this connector to a control device. When using a pneumatic-electro converter, you can convert the output from this connector into electrical signals. The supplied air pressure remains unrestricted when the DRD-100 is in normal operation. When a surge in air volume is detected, the DRD-100 shuts off the air supply.

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