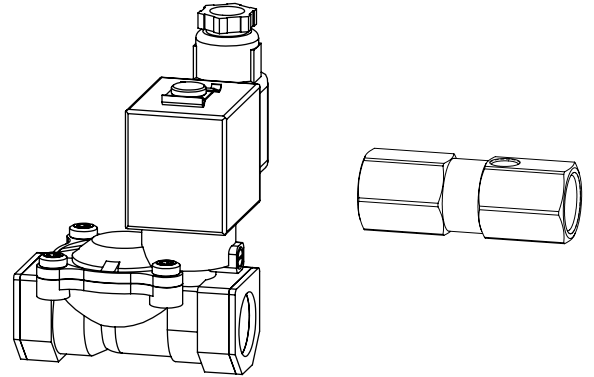## Features

- Designed for use with the IntelliCheck Advanced Leak Rate Monitor
- Allows users to perform leak tests on systems with dedicated air compressors or nitrogen generators
- Allows users to monitor aspects of air compression or nitrogen generator systems

Description

The LRM Solenoid Kit is designed to be used with sprinkler systems that utilize a dedicated air compressor or nitrogen generator. The solenoid kit will allow a leak test of the system by isolating the air source from the system with the LRM Controller.

The current transformer that is included with this kit will allow the user to track run times and cycle counts on their air source as well. This will allow the user to keep track of when to do maintenance and might make the user aware of other issues on the air source.

The included check valve is necessary to keep water and sediment from getting to the solenoid and air supply.
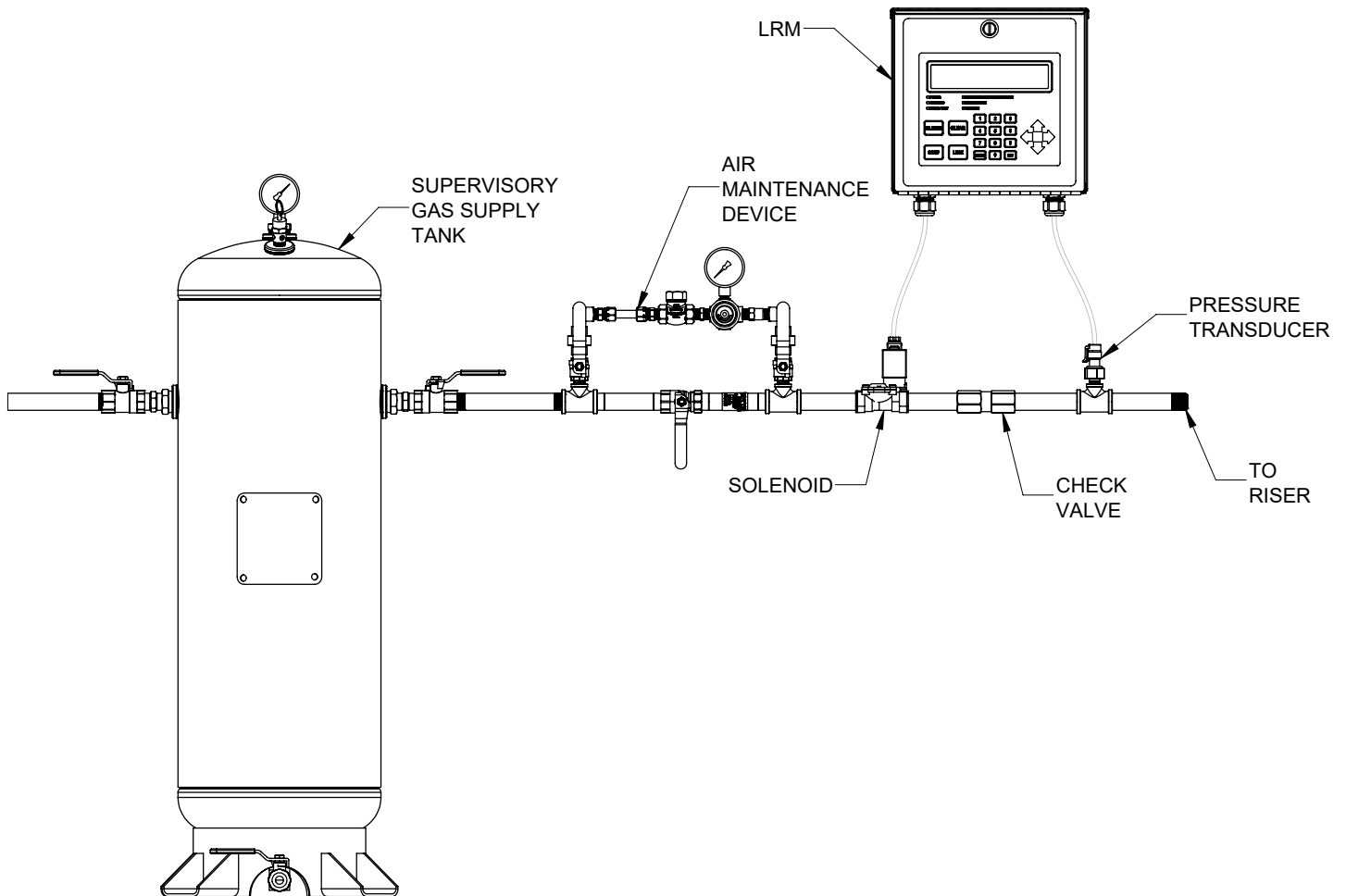
Technical Specifications

Service Pressure	175 psi
Service Temperature	Ambient above 32°F
Check Valve Size and Material	1/2" FNPT Inlet and Outlet Brass Construction
Solenoid Size and Material	1/2" FNPT Inlet and Outlet Brass Construction

LRM Solenoid Kit Installation

The Solenoid Kit is required when a tank is supplying the system. LRM Solenoid Kit must be installed within reach of the provided 7 ft solenoid cable to the LRM Display.

1. Install ½" FNPT LRM Solenoid in-line of the air supply, after the compressor or AMD and the kit supplied 1/2" check valve. See below.

2. The supplied check valve with 1/2" FNPT inlet and outlet will need to be installed inline and between the solenoid and transducer. Ensure the flow arrow on the check valve is in the direction of the supervisory gas flow. See below.

3. Leak check new connections.

4. Insert supplied solenoid DIN cable onto the solenoid and run the opposite end through a supplied strain relief fitting and a knockout on the LRM Housing.

5. Insert wires into the bottom 3-terminals of the 10-terminal block by depressing orange tab, inserting wire, and releasing tab on the LRM Controller. See IntelliCheck Manual #5403773 for more detail.

Ordering Information

Model	Description	Stock No.
LRM-SK	LRM Solenoid Kit	0090241