

ASA-1 Air Pressure Switch

02-38-001DS

Civacon makes it easy and convenient to add additional safety to loading operations

All-in-One Packaging

Our Model ASA-1 Pressure Switch Assembly provides a simple, easy, integrated package solution to adding a pressure switch interlock to your overfill detection system.

Tank Protection

Just install the pressure switch as one of the Onboard Monitor's Auxiliary inputs. The air signal received from the tanks sequential vents can assure that all of your vapor vents are open before loading can begin. It can also be easily installed directly into a socket on overfill detection system installations that do not require the use of an onboard monitor.

Terminal Vapor Recovery Hose Interlock

Do the terminals where your tank loads require that the Vapor Recovery Hose is properly connected prior to allowing loading to begin? A second one of these pressure switches can be installed in the Onboard Monitor (or Socket), and wired as a second auxiliary input (Interlock), with its air signal for the Vapor Recovery Adaptor's interlock valve. Now your tank will be in compliance to ensure that the vapor recovery hose is connected before loading.

Versatile

Though designed with Overfill Detection System Auxiliary Interlock in mind, the versatile switch assembly will find other uses on the tanker. Perhaps as a remote power switch, hot-shift PTO engagement switch, or flow control switch for a positive displacement pump.



ASA-1 Pressure Switch mounted in ROM Monitor



ASA-1 Pressure Switch mounted in ROM Overfill Socket



Purpose Built

Specifically designed, one piece pressure switch assembly screws directly into one or more of the onboard monitor's threaded ports. Comes with pre-installed DOT 1/4" swivel air fitting. Ready to go, with no other parts required. Replaces older design "Hobbs Switches".

Easy to Install

This prepackaged, potted assembly is ready to install

- 1/2" NPT male thread
- 1/4" 90 swivel air tube fitting
- 12" tinned copper wires

Specifications

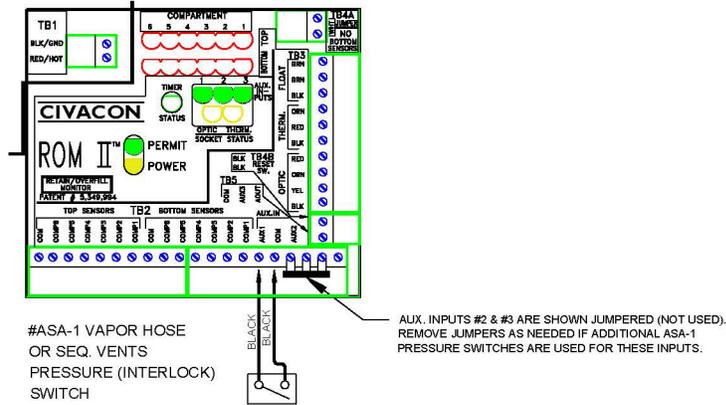
Details on the switch and its operations are as follows:

- Set Pressures: 60± 5 PSIG "On / Close"
- 45± 5 PSIG "Off / Open"
- Maximum Applied Pressure: 250 PSIG
- Temperature Range: -40° to 160° F (-40° to 70° C)
- Single Pole Single Throw (SPST) Normally Open Switch
- 12VDC/10A or 24VDC/5A (125VA) Switch Contact Rating (Pilot Duty)
- Stainless Steel, Hermetically Sealed (Welded) Snap Action Diaphragm
- Rated Life: 100,000 cycles (Minimum)
- Nylon, DOT & SAE Compliant Air Fitting

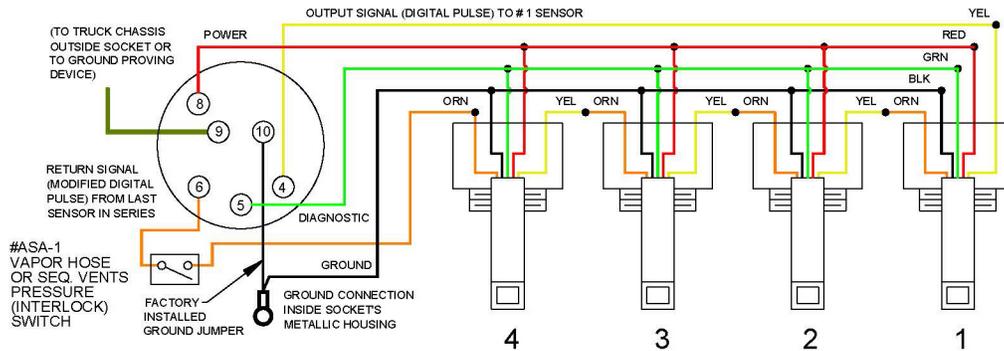
Ordering Information

Part Number	Description
ASA-1	Pressure Switch Assembly

ASA-1 Pressure Switch in ROMII Onboard Monitor (Example of use as Aux. #1 Input)



ASA-1 Pressure Switch in Socket - 5-Wire Straight Wired (Four Compartment Example)



ASA-1 Pressure Switch in Socket - 2-Wire Straight Wired (Four Compartment Example for Six Compartment Max. Load Racks)

