Solenoid valve (common sprinkler)

V1.0; Robert Benedict, March 22, 2020; Kent, OH, USA rkayakr@gmail.com

This component is a solenoid controlled valve readily available in hardware stores. The example is based on what is in stock in my local Home Depot. The pneumatic connection and 24 VAC specs are normal for this product.

**Physical Layout** Through valve

**Pnuematic Connection** 1” NPT thread

**Electrical Connection** 24 VAC, 0.450A inrush current, 0.25A holding current (Rain Bird CP100)

**Product manual** https://images.homedepot-static.com/catalog/pdfImages/89/89582790-2371-4109-b121-c44dea736ce2.pdf

**Installation** https://images.homedepot-static.com/catalog/pdfImages/89/89582790-2371-4109-b121-c44dea736ce2.pdf

**Solenoid** <https://www.homedepot.com/p/Rain-Bird-Solenoid-Replacement-Kit-for-3-4-and-1-in-Irrigation-Valves-SRKCP-CPF/100563755>

