



**DIMENSIONAL**

**Receiver Module:** 2.75" W. x 6.38" L x 1.13" H. (w/o bracket or antenna height).  
**Motorized Ball Valve Actuator:** 3.4" W. x 4.3" L x 6.0" H.  
**Sensors:** *Wireless* - 2.675" square x 0.925" H. w/o antenna. *Hard-Wire* - 2.5" square x 1".  
**Standard 4-Conduit Actuator-To-Receiver Cable Length:** 8'.

**ELECTRICAL**

**Motorized Ball Valve Actuator:** Powered by Receiver Module.  
**Receiver Module:** 9VDC, 300mA (UL Listed 120 VAC 60 HZ adapter supplied).  
**Receiver Battery Backup:** 9V Battery (not supplied).  
**Receiver Isolated Contact Provision** - Load Resistive load (cos = 1) - Inductive load (cos = 0.4; L/R = 7 ms)  
 Rated load 0.5 A at 125 VAC; 2 A at 30 VDC; 0.25 A at 125 VAC; 1 A at 30 VDC  
 Contact material Ag (Au-Alloy)  
 Rated carry current 3 A  
 Max. switching voltage 250 VAC, 220 VDC  
 Max. switching current 2 A 1 A  
 Max. switching power 125 VA, 60 W 62.5 VA, 30 W  
 Failure rate (reference value) 0.01 mA at 10 mVDC  
**Sensor:** (2) x 3V Lithium Batteries type CR2032 (supplied). Data for wireless only as hard-wire are passive.

**BALL VALVE PROPERTIES**

**3/4" & 1" Threaded Ball Valve:** UL, NSF 372 compliant.  
**Material:** Forged Brass.  
**Type:** Full Port.  
**Rating:** 600 CWP, 150 SWP  
**3/4" CV Rating:** 29.5 GPM @ 1 PSI drop.  
**1" CV Rating:** 43.0 GPM @ 1 PSI drop.

**RF CHARACTERISTICS**

**Center Operating Frequency:** 418Mhz.  
**Channel Selection Options:** 255 discreet.  
**Range:** 150' line of sight.  
**Total System Sensor Support/Expandability:** Unlimited sensors.



**PETRO-METER CORPORATION**  
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**LEAK-GUARDIAN® SYSTEMS**  
**2500-075i-HWICP AND 2500-100i-HWICP**  
**TECHNICAL SUBMITTAL DATA**

**2005-HWICP-S**  
**11-01-19**