

Features

- AS-interface certified
- Fully encapsulated electronic module
- Bus powered inputs & outputs
- Two built-in sensors for OPEN/CLOSE detection
- Short circuit protection for inputs and outputs
- LEDs for visual indication:
 - OPEN/CLOSE
 - Solenoid output
 - Bus communication
 - Faults
- EMC certified (per stds. EN61000-6-2, EN61000-6-4)

Visual Diagnostics

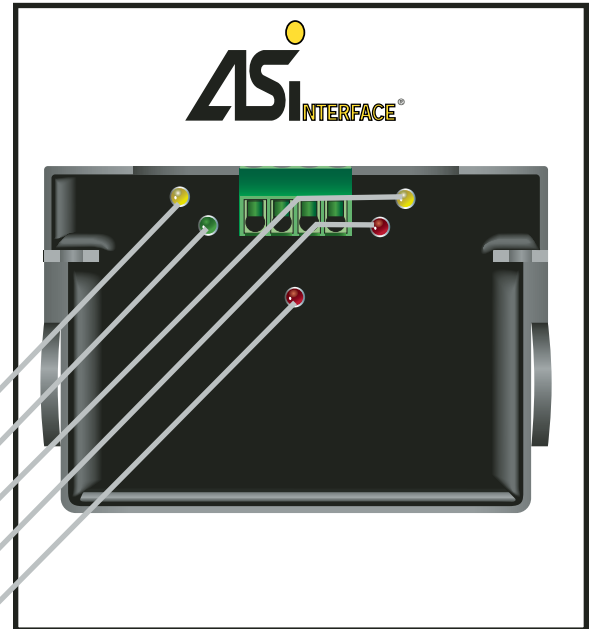
OPEN POSITION: Yellow LED

BUS STATUS: Green LED

CLOSED POSITION: Yellow LED

SOLENOID: Red LED

BUS FAULT: Red LED



ASCO Valve Monitoring Systems is designed for monitoring and controlling the position of valve actuators via AS-interface V2.1. The AS-interface Network Card is fully encapsulated for superior environmental protection and features plug-in terminal blocks for easy maintenance, built-in sensors for OPEN/CLOSE detection, and LEDs to provide visual status of network connection and actuator position. Our network cards operate with our NR and VR series rotary or HS series linear indicators. Enclosure types range from NEMA 4, 4X to Class 1, Division 1, Groups B, C & D. Accessories such as a Network Junction Box are available.

Note: ASCO recommends using 24 VDC pilot valves with AS-interface cards.

Technical Specifications

Maximum Distance	100m (330 ft)
Physical Media	Two-wire cable
Maximum Nodes	62
Available I/O	2 inputs, 1 output
	4 inputs, 2 output (includes 2 general purpose input)
Network Topology	Bus, Tree, Star
Baud Rate	167 Kbps

Ordering Number Example: VR7C2YAW0__A

AJ = ASI 2x1, Version 2.1, standard addressing, 31 slaves
 AL = ASI 2x1, Version 2.1, extended addressing, 62 slaves
 AK = ASI 4x2, Version 2.1, standard addressing, 31 slaves
 AM = ASI 4x2, Version 2.1, extended addressing, 62 slaves