

# Intelivalve™ Solenoid Pinch Valves

Acro's Intelivalve™ solenoid pinch valve line offers unmatched innovation in performance and reliability. These valves come featured with adaptive power management, valve state sensing, tube detection, noise reduction and built in data monitoring all in a compact format making them the ultimate choice for medical device and bioprocessing applications.

Paired with our proprietary Acrosense™ FCP-A board, users can operate each valve using an average of 1-3 Watts per unit.<sup>1</sup> The Intelivalve line also lets you select from a variety<sup>2</sup> of flexible tubing materials. Built with the latest safety and on-board monitoring, these valves track and store data on calibration, performance, reliability and diagnostic analysis. The Intelivalve line can also be easily scaled to fit any system needs requiring single to multi unit formats.



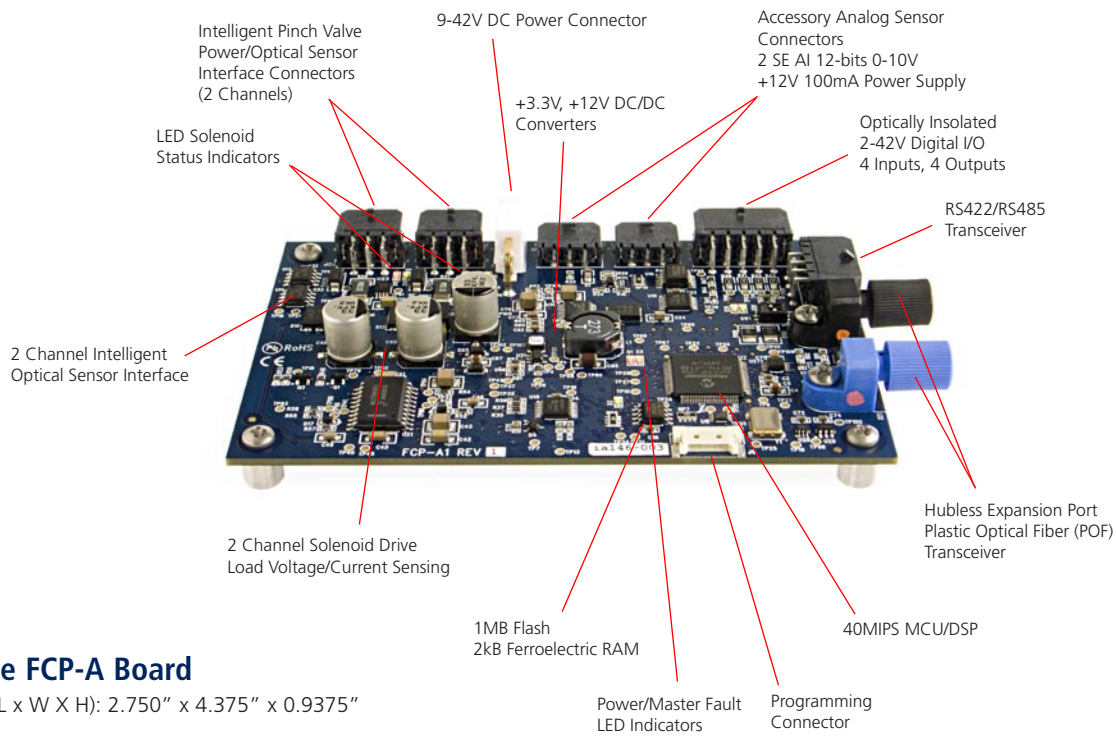
Dimensions: ~ 4.95" L x 1.37" w

## Features

- Power efficient solenoid valve controller that utilizes proprietary adaptive pulse and hold methods for power management
- Built in electronic valve state sensing and tube detection
- Built in electronic valve noise damping
- Diagnostic monitoring, reporting and data storage/logging
- Diagnostic failure determination
- Modular, scalable design that allows networking for increased feature and system demands
- Compact footprint, CE, FCC and RoHS compliant

<sup>1</sup> Average power is calculated by pulse & hold at 5 cycles per minute.

<sup>2</sup> Within certain tubing specifications – please inquire and see table in ordering information on next page.



## Acrosense FCP-A Board

Dimensions (L x W X H): 2.750" x 4.375" x 0.9375"

### Ordering Information

Intelivalve Models:	2100 (coming soon)	2200	2300	2400 (coming soon)
Supported Tubing OD (inches)	0.063 - 0.125"	0.125 - 0.156"	0.187 - 0.250"	0.250 - 0.500"
Supported Tubing OD (mm)	1.6 – 3.2 mm	3.2 – 4.0 mm	4.7 – 6.4 mm	6.4 – 12.7 mm
Maximum Tube Durometer	Inquire	75 - A	75 - A	Inquire
Maximum Fluid Pressure or vacuum @ 20°C	30 psi	30 psi	30 psi	30 psi
Input Power Range	12 – 42V DC	12 – 42V DC	12 – 42V DC	12 – 42V DC
Operating Average Power	Inquire	1-3 Watts	1-3 Watts	Inquire

- All models are available with valve head + snap-in tube slot or without for cassette mounting formats
- Each Acrosense FCP-A board can control 1 or 2 Intelivalve units
- Custom solutions available for applications outside of stated durometer, pressure, or power requirements.

### Product Part # Configuration Key

Intelivalve Part #s Are Configured by: *Model # - Body Style - Body Material - 001*

Example: Part# 2200-H-AB-001

#### Body Style Choices:

H=With Valve Head  
N=No Valve Head

#### Body Material Choices:

AB=Anodized Aluminum, Black  
SS=303 Series Stainless Steel  
DB=Delrin, Black  
DW=Delrin, White

#### Cable Kits:

VB Cable available in 0.5m, 1m and 2m lengths  
FCP-A 1m Cable Kit, includes 1 set of all cables and connectors needed for 1 or 2 valve hookup  
Custom cable lengths available – please inquire



1990 Olivera Road, Suite A  
Concord, CA 94520-5455  
tel: 925-676-8828 • fax: 925-680-8113  
[www.acroassociates.com](http://www.acroassociates.com)