

FDS-DVP120 Control Panel Family

## TECHNICAL INFORMATION

In the interest of continuing product improvement, we reserve the right to change models, specifications, and/or features without prejudice.

info@monoxivent.com

DATE:	SALES ENGINEER:
CONTRACTOR:	
ENGINEER:	
ARCHITECT:	
LOCATION:	
PROJECT:	

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## **Specifications**

Size	10.5" x 12.5" x 2." (10.5 X 37.75 X 5.08 cm)	
Weight	6.5 lbs (2.9 kg)	
Voltage/Current	Power Input: 90 – 250 VAC,	
	1 Amp, 47 – 63 Hz, single phase	
Operating Temperature	32°F to 120°F (0°C to 49°C)	
Ambient Humidity	0% to 90% RH non-condensing	
Display	LCD display: 2 rows of 16 characters	
	with backlight	
Mounting	Mounting holes in each corner	
Relays	Three 10A, 240 VAC SPDT fan/alarm relays	
Settings	External keypad for user selection of the	
	transducer/alarm display and setting the	
	configuration	
Status Indicators	(LED): Power, ALARM/warning, hush,	
	Relay 1, Relay 2 & Relay 3	
Alarms	Drivers for external Horn and Strobe, externally	
	visible system, alarm and relay status indicators	
Enclosure	Lockable NEMA 1 type enclosure	
Certifications	ETL Listed to UL 2017	
	CAN/CSA-C22.2 No.	
	14-13, LADBS Approved	
Warranty	Two Year Limited Warranty	



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## **Key Features**

- FDS-DVP-120: 12 analog (4-20mA) sensor connections
- FDS-DVP-120M: 87 digital sensor connections (RS-485) +12 analog (4-20mA) sensor connections
- Three 10A SPDT fan/alarm relays

309-794-1000

- Two 24VDC drivers for horn/strobe
- · Compatible with Macurco 6-Series
- Auto recognizes Macurco detectors
- · Settings are customizable, default is per OSHA
- FDS-DVP-120B: BACnet MSTP output
- DVP-120C: Title 24 compliant (CO & NO2 only)

Model	Number	Description
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	FDS-DVP-120	12 Analog Connections	
	FDS-DVP-120M	87 Addressable Connections	
	FDS-DVP-120B	BACnet - 99 Digital Connections	
	FDS-DVP-120C	BACnet - 99 Digital Connections (California)	
Includes MAC10AMP Power Supply			

## **Control Panel Layouts** x 2 x 2 FDS-DVP-120 Layout FDS-DVP-120M or FDS-DVP-120B Layout BACnet 12 MSTP • • x 87 Output 4 conductor homerun Use shielded 3-conductor wire with 2 for power, 2 for signal one twisted pair providing a pair for signal (A & B), common (COM) and shield ground (SHD) connections. ISO 9001:2015 x 3 CERTIFIED 12 - 22