



E/P Pressure Regulator

PROFINET Communication

Electro-Pneumatic Regulator

Electronic Vacuum Regulator



Features

- DIP switch for default device name
- Integrated web server
- Fast Startup
- Setpoint and feedback in engineering units
- Integrated 2-port ethernet switch
- Adjustable gain & sensitivity
- Diagnostic Alarms
- Over and under voltage indication
- Daisy chain/PoE (up to 5 units)
- Hold set pressure on lost connection
- Shared Device I/O
- I & M 0-3 Data Supported

How to Order

ITV 2030-SPN- 2-DUX02357-

○ Body Size

1010	2010	3010
1030	2030	3030
1050	2050	3050
	2090	

○ Port Size

1	1/8 (1000)
2	1/4 (1000, 2000) *
3	3/8 (2000, 3000) *
4	1/2 (3000)

* Note: 2090 available with 1/4 port only.

○ Protocol

SPN	PROFINET
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○ Thread Type

Nil	Rc
N	NPT

○ Made to Order

Nil	Standard Mounting
X26	Manifold Mounting *
X400	Gage Port **

* Note: -X26 is available only for 2010, 2030, and 2050 sizes with 1/4 Rc only.

** Note: 2030, 2050 with 3/8 Rc port only.



Specifications

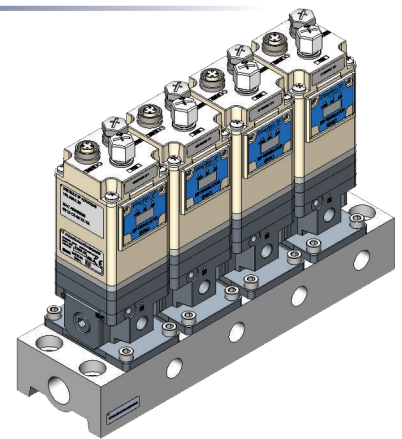
Model	1010	1030	1050	2090
	2010	2030	2050	
	3010	3030	3050	
Min. Supply Pressure (psi)	Set Pressure +14.5			-1.9
Max. supply pressure (psi)	29	145		-14.6
Set Pressure Range (psi)	0.7 to 14.5	0.7 to 72.5	0.7 to 130.5	-0.2 to -11.6
Power Supply Voltage	24VDC ± 10%			
Current Consumption	0.15A or less			
Input & Output Signal	12 bit resolution			
Linearity	Within ± 1% (Full Span)			
Hysteresis	Within ± 0.5% (Full Span)			
Repeatability	Within ± 0.5% (Full Span)			
Sensitivity	Within ± 0.2% (Full Span)			
Temperature Characteristics	Within ± 0.12% (Full Span) / °C			
Ambient & Fluid Temperature	0 to 50°C (32 to 122 °F) (No condensation)			
Enclosure Rating	IP65			
Weight	Size 1000	12.3 oz.		
	Size 2000	15.9 oz.		
	Size 3000	26.5 oz.		
Compliance	CE, UL, PROFINET Conformance Class C, Netload Class III			

NF459A

How to Order

IITV20-N 2-3-2050-SPN-DUX02357

Port size	Number of Stations	Pressure	Protocol
2 1/4 (1000, 2000)	2 Station	1 0.1 MPa	SPN PROFINET
3 3/8 (2000, 3000)	3 Station	3 0.5 MPa	
	4 Station	5 0.9 MPa	
Thread Type	5 Station		
Nil Rc(PT)	6 Station		
N NPT	7 Station		
F G	8 Station		



Porting

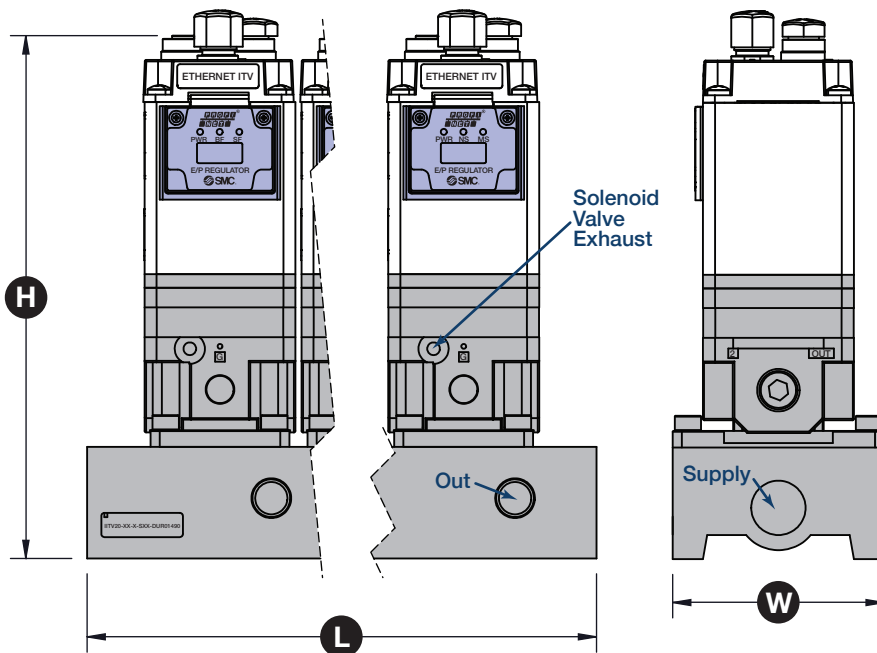
- Supply: 1/2
- Out: 1/4 or 3/8 (per order)
- Thread Type: Rc, NPT or NPTF (per order)
- Solenoid Valve Exhaust: M5x0.8 port

Dimensions

- L** Length (mm): 52N + 36 (N = # of stations)
- H** Height (mm): 173.2
- W** Width (mm): 70

Mounting Screws

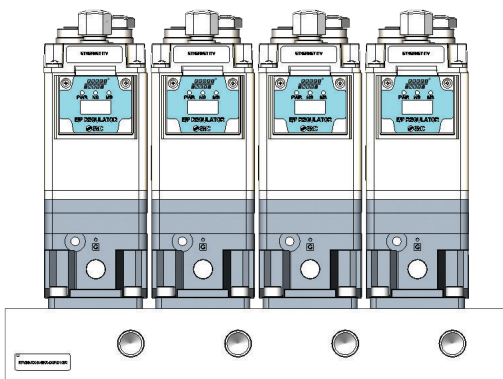
- 4X M5x0.8 SHCS



Specifications

Voltage	24 VDC ± 10%
Input Signal (Digital)	12 bit
Output Signal (Digital)	12 bit
Linearity	Within ± 1% Full Span
Hysteresis	Within ± 0.5% Full Span
Repeatability	Within ± 0.5% Full Span
Sensitivity	Within ± 0.2% Full Span
Enclosure	IP 65*

* Note: To meet IP rating, liquids must not have access to solenoid valve exhaust port



ZR-POD