

Characteristics

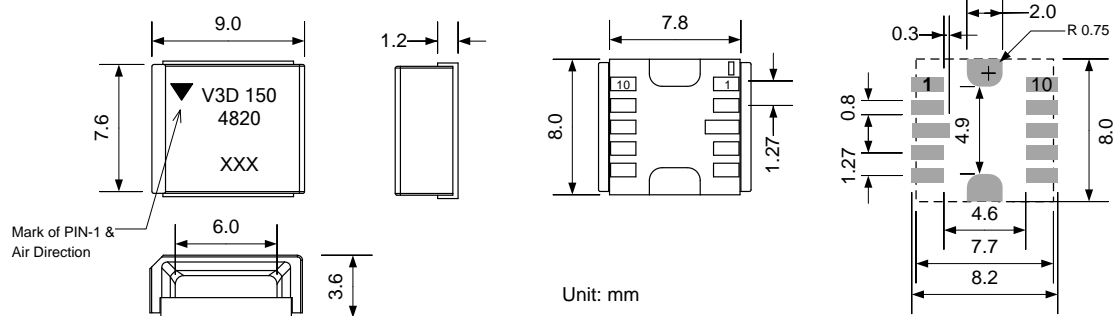
PRELIMINARY

Test Conditions: 5V (analog), Ta=25°C. Relative Humidity: 40%<RH<60%

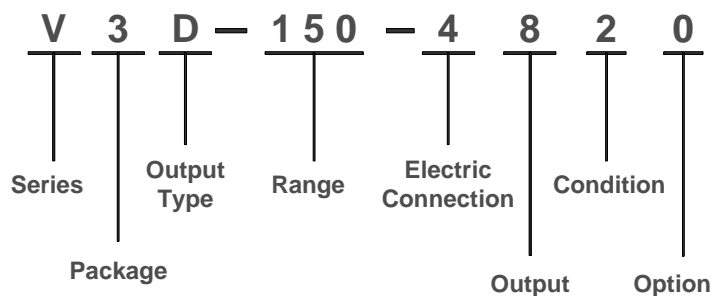
Parameters	Min	Typ	Max	Unit
Supply Voltage ¹	2.75	5	5.5	V
Supply Current		17	21	mA
Range of Flow Rate ²	0		15	m/s
Output - Digital	12			Bit
Accuracy	5%FS A(analog) or 5% of reading + 0.1 m/s (digital)			
Relative Humidity ³	5		95	%
Response Time		5	15	ms
Temperature - Reference ⁴		25		°C
Temperature - Operating ⁴	- 5		+85	°C
Temperature - Storage	-40		105	°C
Wetted Materials	Silicon carbide, epoxy, PPE+PS, FR4			
Weight	4			g

Notes:

1. Other supply is also available upon request.
2. 30 sccm to 4000 sccm; Mass flow emulation.
3. Non-condensing
4. Thermal error is 0.2%FS/100 °C which is designed parameter.



Ordering Information



V	Air Velocity
3	SMD
D	Digital
150	15 m/sec
4	Soldering pads
8	IIC
2	20 deg C
0	Standard

Pinout Assignment

Pad	Description
1	V _{OREG}
2	V _{DD}
3	V _{SS}
4	N.C.
5	N.C.
6	SDA
7	SCL
8	AN1
9	AN0
10	V _{CM}

PCB-301-DualTC
06-20 R0

Headquarter Switzerland:
Pewatron AG
Thurgauerstrasse 66
CH-8050 Zurich
Phone +41 44 877 35 00
info@pewatron.com

Office Germany:
Pewatron Deutschland GmbH
Edisonstraße 16
D-85716 Unterschleißheim
Phone +49 89 374 288 87 00
info.de@pewatron.com



PEWATRON
SENSORS · POWER SOLUTIONS

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Sales Germany & Austria

Geometrical sensors Other products

Kurt Stritzelberger
Phone +49 89 374 288 87 22
kurt.stritzelberger@pewatron.com

Pressure sensors Other products

Gerhard Vetter
Phone +49 89 374 288 87 26
gerhard.vetter@pewatron.com

Gas sensors and modules

Peter Felder
Phone +41 44 877 35 05
peter.felder@pewatron.com

Sales Switzerland & Liechtenstein

Postcode 3000 – 9999

Basil Frei
Phone +41 44 877 35 18
basil.frei@pewatron.com

Postcode 1000 – 2999

Christian Mohrenstecher
Phone +41 76 444 57 93
christian.mohrenstecher@pewatron.com

Sales International Key Accounts

Peter Felder
Phone +41 44 877 35 05
peter.felder@pewatron.com

Sales Other Countries / Product Management

Pressure Sensors Load Cells

Philipp Kistler
Phone +41 44 877 35 03
philipp.kistler@pewatron.com

Gas sensors Gas sensor modules

Dr. Thomas Clausen
Phone +41 44 877 35 13
thomas.clausen@pewatron.com

Flow / Level / Medical products

Dr. Adriano Pittarelli
Phone +49 89 374 288 87 67
adriano.pittarelli@pewatron.com

Power supplies

Sebastiano Leggio
Phone +41 44 877 35 06
sebastiano.leggio@pewatron.com

Linear position sensors Angle sensors

Eric Letsch
Phone +41 44 877 35 14
eric.letsch@pewatron.com

Accelerometers Sensor elements

Christoph Kleye
Phone +49 89 374 288 87 61
christoph.kleye@pewatron.com

Drive technology

CH Postcode 5000 – 9999 / DE

Roman Homa
Phone +41 76 444 00 86
roman.homa@pewatron.com

Drive technology

CH Postcode 1000 – 4999 / AT / IT / FR

Christian Mohrenstecher
Phone +41 76 444 57 93
christian.mohrenstecher@pewatron.com

Harald Thomas

Phone +49 89 374 288 87 23
harald.thomas@pewatron.com