

SATRON V-series Pressure Transmitters and PASVE® Valves



SI SATRON
instruments

SATRON V-line for pressure measuring applications

Satron V-series is based on cumulative knowledge and experience of past instrumentation generations. Satron solutions are known especially at pulp and paper mills and in food industry.

Pressure measurement	Span	Range	Properties		
	VG3	0 - 1.4...35 kPa	-35...+35 kPa	<ul style="list-style-type: none"> - Flush mounted metal-/ metal taper sealing - Unique complete installation accessories e.g. PASVE® valve - Max. process temperature +200°C - Multiple diaphragm materials 	
	VG4	0 - 4...100 kPa	-100...+100 kPa		
	VG5	0 - 26.5...500 kPa	-100...+500 kPa		
	VG6 *	0 - 0.145...3 MPa	-0.1...+3 MPa		
	VG7	0 - 1...15 MPa	0...+15 MPa, abs.		
	VG8	0 - 8...25 MPa	-0.1...+25 MPa		
	VT5	0 - 26.5...500 kPa	-100...+500 kPa		- Pressure transmitter for the general use
	VT6 *	0 - 0.145...3 MPa	-0.1...+3 MPa		- Standard process connection G½A
VT7	0 - 1...15 MPa	0...+15 MPa, abs.	- Flush mounted DIN3852-E-G½		
VT8	0 - 6.7...100 MPa	-0.1...+100 MPa			
	VL4	0 - 4...100 kPa	-100...+100 kPa	<ul style="list-style-type: none"> - Multiple diaphragm materials - Max. process temperature +200°C 	
	VL5	0 - 26.5...500 kPa	-100...+500 kPa		
	VL6	0 - 0.145...3 MPa	-0.1...+3 MPa		
	VL7	0 - 1...15 MPa	0...+15 MPa, abs.		
	VV4	0 - 4...100 kPa	-100...+100 kPa		- In ground and concrete tanks
	VV5	0 - 26.5...200 kPa	-100...+200 kPa		- In open channels and ships' tanks
	VD2 *	0 - 0.1...1 kPa	-1...+1 kPa		<ul style="list-style-type: none"> - Full stainless steel construction - Special features designed for difficult conditions
	VD3 *	0 - 0.42...6.3 kPa	-6.3...+6.3 kPa		
VD4 *	0 - 2.7...41 kPa	-41...+41 kPa			
VD5 *	0 - 20...300 kPa	-300...+300 kPa			
VD6 *	0 - 0.145...2.2 MPa	-2.2...+2.2 MPa			
VD7 *	0 - 1...15 MPa	-15...+15 MPa			
VDL3 *	0 - 1...6.3 kPa	-6.3...+6.3 kPa	- Full stainless steel construction		
VDL4 *	0 - 2.7...41 kPa	-41...+41 kPa	- Multiple diaphragm materials		
VDL5 *	0 - 20...300 kPa	-300...+300 kPa	- Flush mounted		
VDL6 *	0 - 0.145...2.2 MPa	-2.2...+2.2 MPa			
VDU3	0 - 1.4...35 kPa	-35...+35 kPa	<ul style="list-style-type: none"> - SATRON VDU is 2-W differential pressure transmitter using two separate pressure sensors 		
VDU4	0 - 4...100 kPa	-100...+100 kPa			
VDU5	0 - 26.5...500 kPa	-100...+500 kPa			
VDU6	0 - 0.145...3 MPa	-0.1...+3 MPa			

* also the absolute pressure transmitter

PASVE® mounting and service valve and other process connections

PASVE makes it possible to disconnect the transmitter from the process for maintenance, cleaning and calibration, without stopping the process or draining the tank. Routine inspections and service can be carried out faster and safely.



PASVE GC
- welded on container



PASVE GP
- for over Ø70 mm pipes,
welded type with the
premachined process coupling



PASVE GF
- mounted with flange,
different flange standards
and pressure classes
available



PASVE with an actuator
- pneumatic or electric
actuator

PASVE is the registered trademark of Satron Instruments Inc.



Selection of V-serie
mounting couplings and
hydraulic pressure seals
enables the optimal
process connection in most
measuring applications.



Metal/metal taper sealing designed by
Satron Instruments Inc. installed to G1
hygienic process coupling guarantees
the pocketless clean solution without
separate seal.

For processes and customers who need more

Satron Instruments Inc. offers flexible customer specific solutions. As a specialized manufacturer Satron Instruments Inc. meets customers' expectations concerning delivery times, quantities and other special demands.



Special solution for a paper machine headbox



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