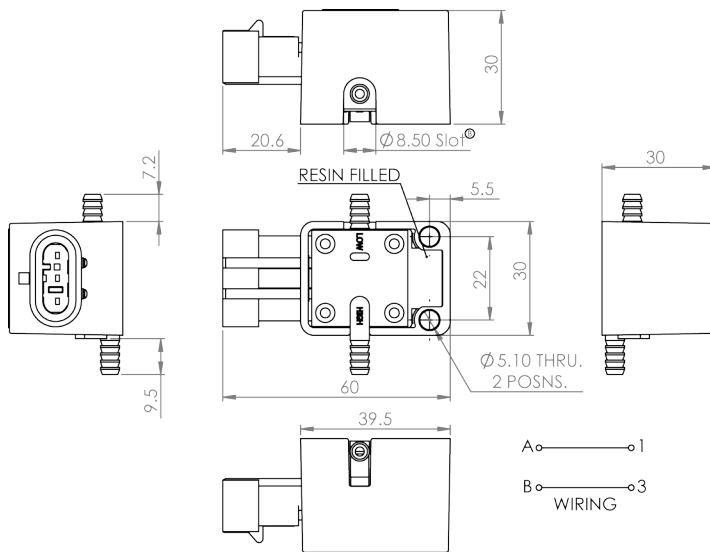


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- The image displays two perspectives of the VPS100A-1.5T pressure sensor. The front view on the left shows a black rectangular unit with a white label indicating 'High' and 'Low' pressure ranges, the model 'VPS100A-1.5T', and the range '32000 bar (11000 psi)'. It features a small side port and a large bottom port. The side view on the right shows the sensor's profile, highlighting the side port and the large bottom port.

Reference Dimensions (mm)



MECHANICAL	
Standard Tolerance	±20%
Switch Type	SPST normally open double-make / double-break
Switching Medium	Air and compatible gases; compatible fluids on “High” side
Mechanical Life	More than 20 million cycles
Maximum Operating Pressure“	4psi: for units with Teflon® diaphragm of 0.5" H ₂ O or less 8psi: for units with Teflon® diaphragm greater than 0.5" H ₂ O
Shock & Vibration	At zero pressure, will not make at 50 g shock, will not make at 10 g, 50 to 2000 Hz vibration
Operating Temp.	-40...90°C

PHYSICAL	
Case Material	Polycarbonate
Porting Options	„Two .200" diameter barbed ports (low / high) for use with 1/8" - 3/16" ID tubing"
Diaphragm Material	Teflon® (other material options available)
Electrical Connections	AMP Superseal 2 PIN connector
Mounting	2 Mounting holes
Weight	Less than 100 grams
ELECTRICAL	
Current Rating	40mA resistive for life in excess of 20 million cycles
Operating Voltage	AC/DC – 30V or less with resistive load; 120 VAC neon lamp load

	0.5	1.0	1.5	2.0	3.0	4.0	6.0	8.0	10.0	12.0	15.0	20.0	30.0	40.0	50.0
In. H ₂ O	0.1 - 0.5	1.0	1.5	2.0	3.0	4.0	6.0	8.0	10.0	12.0	15.0	20.0	30.0	40.0	50.0
mbar	0.25 - 1.25	2.49	3.73	4.98	7.47	9.96	14.95	19.92	24.91	29.91	37.36	49.76	74.73	99.63	124.59
psi	0.004 - 0.018	0.036	0.054	0.072	0.108	0.144	0.217	0.289	0.361	0.433	0.541	0.722	1.083	1.444	1.804



Subject to change without notice