

9. Pressure sensor voltage chart

Voltage to pressure chart for CU 301 pressure sensors. Measure the DC voltage between "SENSOR IN" and "SENSOR GND". Voltages lower than 2 or higher than 10 indicate an incorrectly wired or a faulty sensor.

US

DC voltage	psi	DC voltage	psi	DC voltage	psi
1.9	0.0	4.5	40.5	7.1	81.0
2.0	0.7	4.6	41.2	7.2	81.7
2.0	1.5	4.6	42.0	7.2	82.5
2.1	2.2	4.7	42.7	7.2	83.2
2.1	3.0	4.7	43.5	7.3	84.0
2.2	3.7	4.8	44.2	7.3	84.7
2.2	4.5	4.8	45.0	7.4	85.5
2.3	5.2	4.8	45.7	7.4	86.2
2.3	6.0	4.9	46.5	7.5	87.0
2.4	6.7	4.9	47.2	7.5	87.7
2.4	7.5	5.0	48.0	7.6	88.5
2.4	8.2	5.0	48.7	7.6	89.2
2.5	9.0	5.1	49.5	7.7	90.0
2.5	9.7	5.1	50.2	7.7	90.7
2.6	10.5	5.2	51.0	7.8	91.5
2.6	11.3	5.2	51.7	7.8	92.2
2.7	12.0	5.3	52.5	7.9	93.0
2.7	12.8	5.3	53.2	7.9	93.7
2.8	13.5	5.4	54.0	8.0	94.5
2.8	14.3	5.4	54.7	8.0	95.2
2.9	15.0	5.5	55.5	8.1	96.0
2.9	15.7	5.5	56.2	8.1	96.7
3.0	16.5	5.6	57.0	8.2	97.5
3.0	17.2	5.6	57.7	8.2	98.2
3.1	18.0	5.7	58.5	8.3	99.0
3.1	18.7	5.7	59.2	8.3	99.7
3.2	19.5	5.8	60.0	8.4	100.5
3.2	20.2	5.8	60.7	8.4	101.3
3.3	21.0	5.9	61.5	8.4	102.0
3.3	21.7	5.9	62.2	8.5	102.8
3.4	22.5	6.0	63.0	8.5	103.5
3.4	23.2	6.0	63.7	8.6	104.3
3.5	24.0	6.0	64.5	8.6	105.0
3.5	24.7	6.1	65.2	8.7	105.8
3.6	25.5	6.1	66.0	8.7	106.5
3.6	26.2	6.2	66.7	8.8	107.3
3.6	27.0	6.2	67.5	8.8	108.0
3.7	27.7	6.3	68.2	8.9	108.8
3.7	28.5	6.3	69.0	8.9	109.5
3.8	29.2	6.4	69.7	9.0	110.3
3.8	30.0	6.4	70.5	9.0	111.0
3.9	30.7	6.5	71.2	9.1	111.8
3.9	31.5	6.5	72.0	9.1	112.5
4.0	32.2	6.6	72.7	9.2	113.3
4.0	33.0	6.6	73.5	9.2	114.0
4.1	33.7	6.7	74.2	9.3	114.8
4.1	34.5	6.7	75.0	9.3	115.5
4.2	35.2	6.8	75.7	9.4	116.3
4.2	36.0	6.8	76.5	9.4	117.0
4.3	36.7	6.9	77.2	9.5	117.8
4.3	37.5	6.9	78.0	9.5	118.5
4.4	38.2	7.0	78.7	9.6	119.3
4.4	39.0	7.0	79.5	9.6	120.0
4.5	39.7	7.1	80.2		