



Please contact Sensoronix for more detailed information on the standard sensors listed below.
All products are custom designed to meet your exact specification requirements.

PART #	MECHANICAL SPECIFICATIONS							ELECTRICAL SPECIFICATIONS						ENVIRONMENT	
	A	B	C	D	E	F	G	INPUT VOLTAGE (VDC)	INPUT CURRENT (mA)	VOUT HIGH (VDC)	VOUT LOW (VDC)	OUTPUT CURRENT (mA)	PULL UP RESISTOR (K Ohm)	FRONT SEALED	TEMP RANGE (°C)
1/4" Diameter Series															
HP620-300	6	1/4 - 28	1.00	0.85	303 S.S.	48 ± 5	20 AWG, LEAD WIRES W/ TEFF. INS.	4.5 to 24	5	V Input	0.4	25 Sink	Open	303 S.S.	-40 to 150
HP620-400	6	1/4 - 28	1.00	0.85	303 S.S.	120 ± 3	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	5	V Input	0.4	25 Sink	Open	303 S.S.	-40 to 150
5/16" Diameter Series															
HP130-400	1	5/16 - 24	1.50	1.50	303 S.S.	12 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	10	V Input	0.4	20 Sink	4.7	Epoxy	-20 to 105
HP142-400	1	5/16 - 24	1.50	1.50	303 S.S.	12 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	6 to 24	13	V Input	0.4	20 Sink	4.7	Epoxy	-20 to 85
3/8" Diameter Series															
HP230-300	2	3/8 - 24	1.00	0.75	303 S.S.	36 ± 1	24 AWG, WIRE W/ TEFF. INS.	4.5 to 24	14	V Input	0.4	20 Sink	4.7	303 S.S.	20 to 150
HP230-400	2	3/8 - 24	1.50	1.25	303 S.S.	48 ± 3	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	14	V Input	0.4	20 Sink	4.7	303 S.S.	-40 to 125
HP230-410	2	3/8 - 24	1.50	1.25	303 S.S.	12 ± 5	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	14	V Input	0.4	20 Sink	4.7	303 S.S.	-20 to 100
HP230-420	2	3/8 - 24	1.50	1.25	303 S.S.	36	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	4.5 to 24	14	V Input	0.4	20 Sink	4.7	303 S.S.	-40 to 150
15/32" Diameter Series															
HP140-400	1	15/32 - 32	1.00	1.00	303 S.S.	6 ± .25	22 AWG, 3 CON. CBL W/ PVC INS.	5.5 to 36	9	5.0	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP142-400	1	15/32 - 32	1.00	1.00	303 S.S.	39.5 ± .25	22 AWG, 3 CON. CBL W/ PVC INS.	4.5 to 24	9	V Input	0.4	25 Sink	Open	Epoxy	-40 to 125
7/16" Diameter Series															
HP140-410	1	7/16 - 20	1.75	1.75	303 S.S.	24 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	4.5 to 24	14	V Input	0.4	20 Sink	4.7	303 S.S.	-40 to 150
1/2" Diameter Series															
HP050-400	0	1/2	1.10	-	303 S.S.	12 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	6 to 30	13	V Input	0.4	20 Sink	4.7	Epoxy	-55 to 85
HP150-100	1	1/2 - 20	1.00	1.00	303 S.S.	12 ± 5	18 AWG, 3 SXL LEAD. WIRE. W/ CONN. DEUTCH DT04-3P	4.5 to 25	9	V Input	0.4	30 Source	4.7	Epoxy	-20 to 100
HP150-110	1	1/2 - 20	8.00	8.00	303 S.S.	12 ± 5	18 AWG, 3 SXL LEAD. WIRE. W/ CONN. DEUTCH DT04-3P	4.5 to 25	9	V Input	0.4	30 Source	4.7	Epoxy	-20 to 100
HP150-200	1	1/2 - 20	1.00	1.00	303 S.S.	40 ± 2	22 AWG, 3 CON. CBL. W/ CONN. DEUTCH DT04-3P	4.5 to 24	9	V Input	0.4	25 Sink	Open	Epoxy	-20 to 100
HP150-400	1	1/2 - 20	1.00	1.00	303 S.S.	40 ± 2	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	9	V Input	0.4	25 Sink	Open	Epoxy	-40 to 125
5/8" Diameter Series															
HP260-400	2	5/8 - 18	3.31	3.00	303 S.S.	25 ± 1	22 AWG, 3 CON. CBL. W/ SHLD PVC INS.	6 to 36	13	V Input	0.4	20 Sink	4.7	Epoxy	-20 to 85
HP360-200	3	5/8 - 18	2.50	2.00	303 S.S.	3 ± .25	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS. AND DEUTCH CONN. P/N: DT04-3P	4.5 to 24	10	V Input	0.4	13 Sink	2	Epoxy	-25 to 125
HP360-400	3	5/8 - 18	2.72	2.14	303 S.S.	72 ± 2	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	10	V Input	0.4	13 Sink	2	Epoxy	-25 to 125
HP360-410	3	5/8 - 18	2.50	2.00	303 S.S.	36 ± 2	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	4.5 to 24	10	V Input	0.4	20 Sink	4.7	Epoxy	-25 to 125
HP460-000	4	5/8 - 18	5.70	4.50	303 S.S.	-	3 PINS AMPHENOL CONN: MATE W/ MS3106A	5 to 30	10	V Input	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP460-010	4	5/8 - 18	4.17	2.50	303 S.S.	-	3 PINS AMPHENOL CONN: MATE W/ MS3106A	5 to 30	10	V Input	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP460-020	4	5/8 - 18	3.40	1.70	303 S.S.	-	3 PINS AMPHENOL CONN: MATE W/ MS3106A	5 to 30	10	V Input	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP460-030	4	5/8 - 18	3.00	2.14	303 S.S.	-	CONN. M12X1, 4 PINS	5.5 to 36	10	V Input	0.4	20 Sink	4.7	303 S.S.	-40 to 100
HP460-040	4	5/8 - 18	3.00	2.14	303 S.S.	-	CONN. M12X1, 4 PINS	4 to 30	13	V Input	0.4	50 Source	4.7	303 S.S.	-40 to 100
HP460-050	4	5/8 - 18	4.05	2.50	303 S.S.	-	3 PINS AMPHENOL CONN: MATE W/ MS3106A	5 to 30	10	V Input	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP460-060	4	5/8 - 18	3.00	2.14	303 S.S.	-	CONN. M12X1, 4 PINS	5.5 to 36	10	5.0	0.4	20 Sink	4.7	303 S.S.	-40 to 100
3/4" Diameter Series															
HP270-400	2	3/4 - 16	2.30	1.87	Alum.	72 ± 3	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	4.5 to 24	10	V Input	0.4	25 Sink	Open	Epoxy	-40 to 125
HP270-410	2	3/4 - 16	2.30	1.87	Alum.	40 ± 2	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	5.5 to 36	10	5.0	0.4	20 Sink	4.7	Epoxy	-40 to 125
HP270-420	2	3/4 - 16	2.30	1.87	Alum.	8 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	9	V Input	0.4	20 Sink	4.7	Epoxy	-20 to 100
HP270-430	2	3/4 - 16	2.34	2.00	Alum.	10 ± 5	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.8 to 24	10	V Input	0.4	20 Sink	4.7	Epoxy	-40 to 105
M12 Diameter Series															
HP112-400	1	M12 x .75	0.95	0.95	Alum.	98 ± 3	22 AWG, 3 CON. CBL. W/ SHLD, PVC INS.	4.5 to 24	10	V Input	0.4	25 Sink	Open	Epoxy	-40 to 125
HP312-400	3	M12 x 1.0	3.06	2.56	303 S.S.	120 ± 1	22 AWG, 3 CON. CBL. W/ SHLD, TEFF. INS.	4.5 to 25	10	V Input	0.4	20 Sink	4.7	303 S.S.	-20 to 125

*Electrical Protections
Supply Voltage : 40VDC
Reverse Polarity : -50V Reverse Transient
Load Dump : 60V
 ** EMC Protection Included
 *** Omnipolar (Magnetoresistive)
 ****Northpole Sensing