

## Technical Information:

**Date:** June 14, 2004  
**Subject:** pH Transducer signal values  
**Product:** Sensor accessories  
**Category:** Dulcometer  
**Page :** 1

### pH Transducer 4-20 mA, pH V1

The following values are approximate mA measurements pertaining to the corresponding pH values of an ideal pH probe. An average slope of 0.95 mA/pH has been used based on test results.

pH	Current (mA)
0	18.65
1	17.70
2	16.75
3	15.80
4	14.85
5	13.90
6	12.95
7	12.00
8	11.05
9	10.10
10	9.15
11	8.20
12	7.25
13	6.30
14	5.35

The output signal is based on a voltage input to the transducer in the range from -500 mV to +500 mV.