

Technical Information:

Date: June 2006
Subject: D1C Wiring
Topic : Wiring a Cl Sensor, DGMa Flow Switch and pH compensation to the D1C, also for PCM

The following connections are used for wiring a Chlorine Sensor, DGMa flow switch and pH compensation to the D1C

2 wire cable with red and black insulation is used for the connections. Part # 7740215

The DGMa module with the flow sensor has 3 terminals, it is only necessary to use 2 of them for this function.

DGMa Flow Sensor

D1C Connection

Red wire to terminal 1	-----	Terminal X1 -9
Black wire to terminal 2	-----	Terminal X1 -10

The connection is the same for CLE, CTE, BRE, OZE, CDE sensors, they are all Amperometric loop powered sensors.

Chlorine Sensor

D1C Connection

Red wire to terminal 1	-----	Terminal X2 -9
Black wire to terminal 2	-----	Terminal X2 -10

pH Compensation option for Free Chlorine. Here a transducer (part # 809126) is connected to the pH sensor. This transducer has 2 terminals.

pH Transducer

D1C Connection

Red wire to terminal 1	-----	Terminal X1 -14
Black wire to terminal 2	-----	Terminal X1 -15