CONNECTION SCHEDULE RG1350
4-20 mA DATALOGGER (USB-4)

Connection to CO_2 related:

Connection datalogger directly to GT3100 transmitter:

Connect red cable (1) to GT3100 connection point 3 (CO2)
Connect black cable (2) to GT3100 connection point 2 (GND)
The plus (+) of the power supply 24V to GT3100 connection point 1 (+Vcc)
The minus (-) of the power supply 24V to GT3100 connection point 2 (GND)

Connection to EC related:

Connection datalogger directly to EC3000 EC-controller:

Remove 2 x resistors   3 – 4   5 - 6
Connect red cable (1) to EC3000 connection point 2 (-)
Connect black cable (2) to the minus (-) connection point of the power supply 24V
The plus (+) of the power supply 24V to EC3000 connection point1 (+)

Connection datalogger directly to EC3005 EC-controller:

Remove resistor between 11 – 12
Connect red cable (1) to EC3005 connection point 11 (REC +)
Connect black cable (2) to EC3005 connection point 12 (REC -)
The plus (+) of the power supply 220V to EC3005 connection point 3 (220)
The minus (-) of the power supply 220V to EC3005 connection point 1 (0)
Ground of the power supply 220V to EC3005 connection point 4 (⊥)

Connection datalogger directly to EC3040 EC-controller:

Connect red cable (1) to EC3040 connection point 15 (R1+)
Connect black cable (2) to EC3040 connection point 16 (R Ø-)
The plus (+) of the power supply 220V to EC3040 connection point 1 (L)
The minus (-) of the power supply 220V to EC3040 connection point 2 (N)
Ground of the power supply 220V to EC3040 connection point 3 (⊥)

Connection to Light related:

Connection datalogger directly to LX5500 PAR sensor:

Connect red cable (1) to sensor minus (-) connection point 2
Connect black cable (2) to minus (-) power supply 24V
The plus (+) of the power supply 24V to sensor plus (+) connection point 1

Connection datalogger to LX5510 LUX- sensor Transmitter:

Connect red cable (1) to print connection point plus (+)
Connect black cable (2) to print connection point minus (-)
The plus (+) of the power supply 24V to print connection point +
The minus (-) of the power supply 24V to print connection point JP 1

Connection to Level related:

Connection datalogger directly to NT5000/NT5010 Level sensor:

Connect red cable (1) to black sensor wire
Connect black cable (2) to the minus (-) power supply 24V
The plus (+) of het power supply 24V to the red sensor wire

Connection to pH related:

Connection datalogger directly to PH3000 pH-controller:

Connect red cable (1) to PH3000 connection point 2 (-)
Connect black cable (2) to the minus (-) connection point power supply 24V
The plus (+) of the power supply 24V to PH3000 connection point 1 (+)

Connection datalogger directly to PH3001 pH-controller:

Connect red cable (1) to PH3001 connection point 2 (-)
Connect black cable (2) to minus (-) connection point power supply 24V
The plus (+) of the power supply to PH3001 connection point 3 (+)

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Connection datalogger directly to PH3005 pH-controller:

Remove resistor between 11 – 12
Connect red cable (1) to PH3005 connection point 11 (REC +)
Connect black cable (2) to PH3005 connection point 12 (REC -)
The plus (+) of the power supply 220V to PH3005 connection point 3 (220)
The minus (-) of the power supply 220V to PH3005 connection point 1 (0)
Ground of the power supply 220V to PH3005 connection point 4 ($\perp$)

Connection datalogger directly to PH3007 pH-controller:

Remove resistor between 13 – 14
Connect red cable (1) to PH3007 connection point 13 (REC +)
Connect black cable (2) to PH3007 connection point 14 (REC -)
The plus (+) of the power supply 220V to PH3007 connection point 3 (220)
The minus (-) of the power supply 220V to PH30007 connection point 1 (0)
Ground of the power supply 220V to PH3007 connection point 4 ($\perp$)

Connection datalogger directly to PH3020 pH-controller:

Connect red cable (1) to PH3020 connection point 14 (R1+)
Connect black cable (2) to PH3020 connection point 16 (R0-)
The plus(+) of the power supply 220V to PH3020 connection point 3 (220 V)
The minus (-) of the power supply 220V to PH3020 connection point 1 (0)
Ground of the power supply 220V to PH3020 connection point 4 ($\perp$)

Connection datalogger directly to PH3030 pH-controller:

Connect red cable (1) to PH3030 connection point 14 (R1+)
Connect black cable (2) to PH3030 connection point 16 (R$\varnothing$-)
The plus(+) of the power supply 220V to PH3030 connection point 3 (220 V)
The minus (-) of the power supply 220V to PH3030 connection point 1 (0)
Ground of the power supply 220V to PH3030 connection point 4 ($\perp$)

Connection datalogger directly to PH3040 pH-controller:

Connect red cable (1) to PH3040 connection point 15 (R1+)
Connect black cable (2) to PH3040 connection point 16 (R $\varnothing$-)
The plus (+) of the power supply 220V to PH3040 connection point 1 (L)
The minus (-) of the power supply 220V to PH3040 connection point 2 (N)
Ground of the power supply 220V to PH3040 connection point 3 ($\perp$)

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Connection to Tensio related:

Connection datalogger directly to tensiometer GV5700/5710/5720:

Connect red cable (1) to tensiometer connection point 2
Connect black cable (2) to the minus (–) power supply 24V
The plus (+) of the power supply 24V to tensiometer connection point 1

Connection datalogger directly to tensiometer GV5800:

Connect red cable (1) to tensiometer connection point 4
Connect black cable (2) to the minus (–) power supply 24V
The plus (+) of the power supply 24V to tensiometer connection point 1

Connection datalogger directly to tensiometer ST5700:

Connect red cable (1) to tensiometer connection point 4
Connect black cable (2) to the minus (–) power supply 24V
The plus (+) of the power supply 24V to tensiometer connection point 1