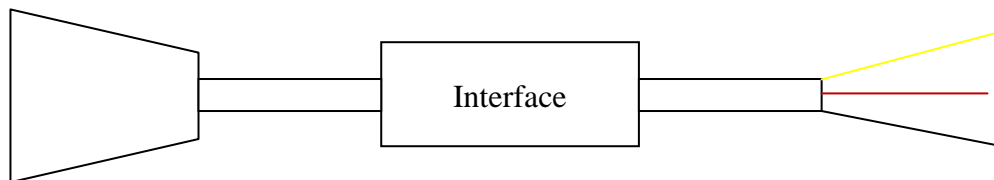


6100/6150 SDI-12 Interface Cable

The 6100/6150 SDI-12 Interface Cable has been developed to implement some extra features for the 6100 and 6150 water level monitors. This new cable is designed to be a direct replacement for the existing cable. All connections remain the same.

6100/6150
Connector

Connection
Cables



The cable is connected between the 6100 or 6150 in exactly the same way as a standard cable.

NEW FEATURES

Once the SDI-12 Interface Cable is installed, the 6100/6150 will now respond with a CRC when requested. This applies to the following commands:

- aMC!
- aMC1!..aMC9!
- aCC
- aC1!..aC9!
- aCC1!..aCC9!

The 6100/6150 will also correctly send two 'n' characters in response to a concurrent measurement request. This applies to the following commands:

- aC!
- aCC!
- aC1!..aC9!
- aCC1!..aCC9!

NOTES

- The address can only be changed at the sensor, and the micro-controller must be re-powered after the address has been changed.
- Hot-swapping between units is possible, provided they have the same address. If the address is different, the micro-controller must be re-powered.
- When swapping between a 6100 and a 6150, the micro-controller should be re-powered.
- The 'ttt' acquisition time is fixed, regardless of the dwell times set in the sensor. For the 6100, this is hard-coded at 2 seconds, and for the 6150 it is set to 50 seconds.
- The micro-controller does not send service requests to the logger. The logger must wait for the specified acquisition period to expire.