

5. User interface

5.1 Introduction

This chapter aims to give a brief general description of SME PC GUI (monitoring, configuration, diagnostic and update functions).

A deep explanation of all the functions and the capabilities of these tools is beyond the goal of this manual, so you should refer to the specific manual.

5.2 PC Graphical User Interface (GUI)

5.2.1 Overview

SME PC GUI is a software tool designed to communicate with the controller through:

- RS-232 serial port, using an interconnection cable (SME Code IV049A, Figure 5);
- USB port, using a serial-to-USB converter
 - ✓ Supported: Prolific chip
 - ✓ Recommended: FTDI chip

5.2.2 Serial interconnection cable

Below is represented the schematic of interconnection cable to interface PC and the control board. Refer to specific AC-L1 pin-out to wire properly the controller Rx, Tx and ground terminals. The use of a shielded cable is necessary to avoid electromagnetic interference.

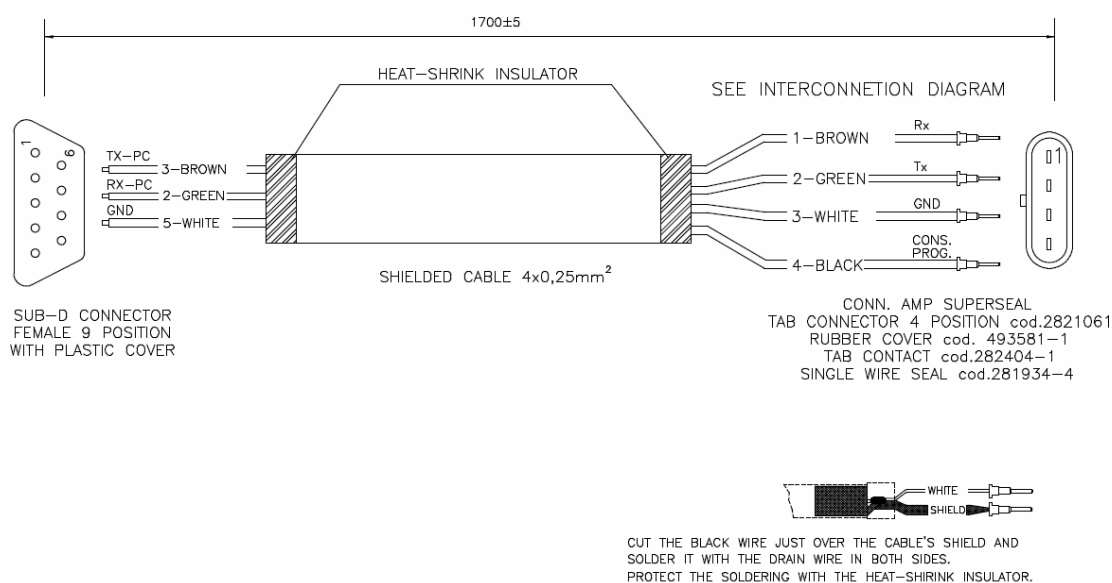


Figure 5: Serial Interconnection cable.