

1 INTRODUCTION



The COMMANDER 300 Series of documentation is shown in Fig. 1.1. The **Standard Manuals**, including the specification sheet, are supplied with all instruments. The **Modbus Supplement** is supplied with instruments configured for Modbus Serial Communication.


The Installation manual includes an **Installation Record** which should be completed as a log of the electrical installation. The record is useful when carrying out initial instrument programming and can be retained for future reference

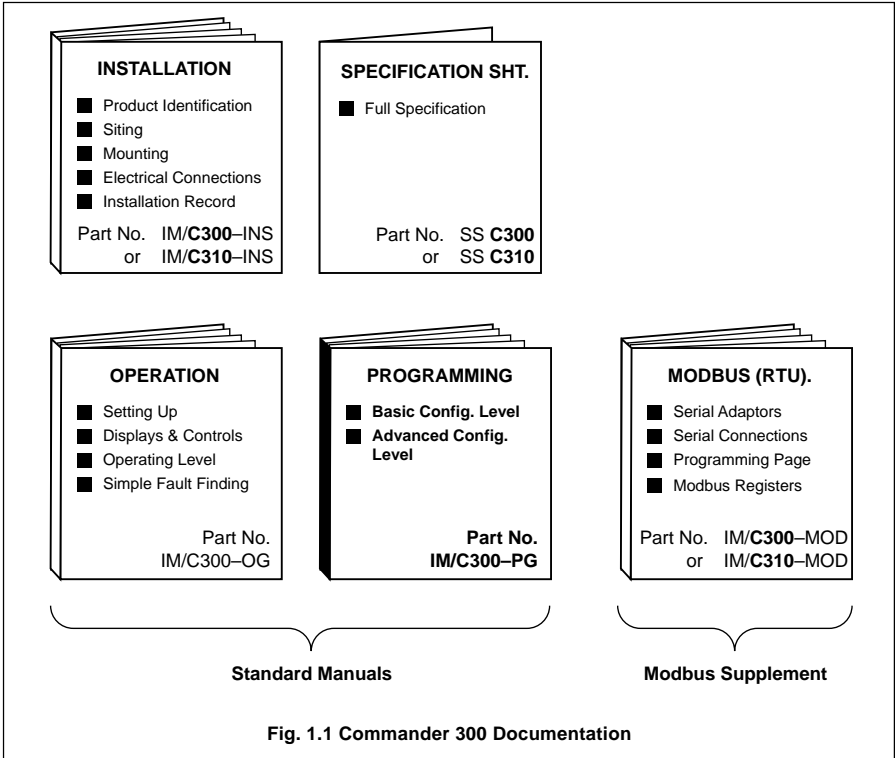
2 GENERAL PROGRAMMING

2.1 Preparation for Changes to the Parameters

Ensure that the external alarm/control circuits are isolated if inadvertent operation during programming is undesirable.

Any change to the operating parameters are implemented using the  or  switches – see *Section 3 of the Operating Guide*.

Note. The instrument responds instantly to parameter changes which are saved when the  switch is pressed.



3 SELECTING THE CONTROL TYPE

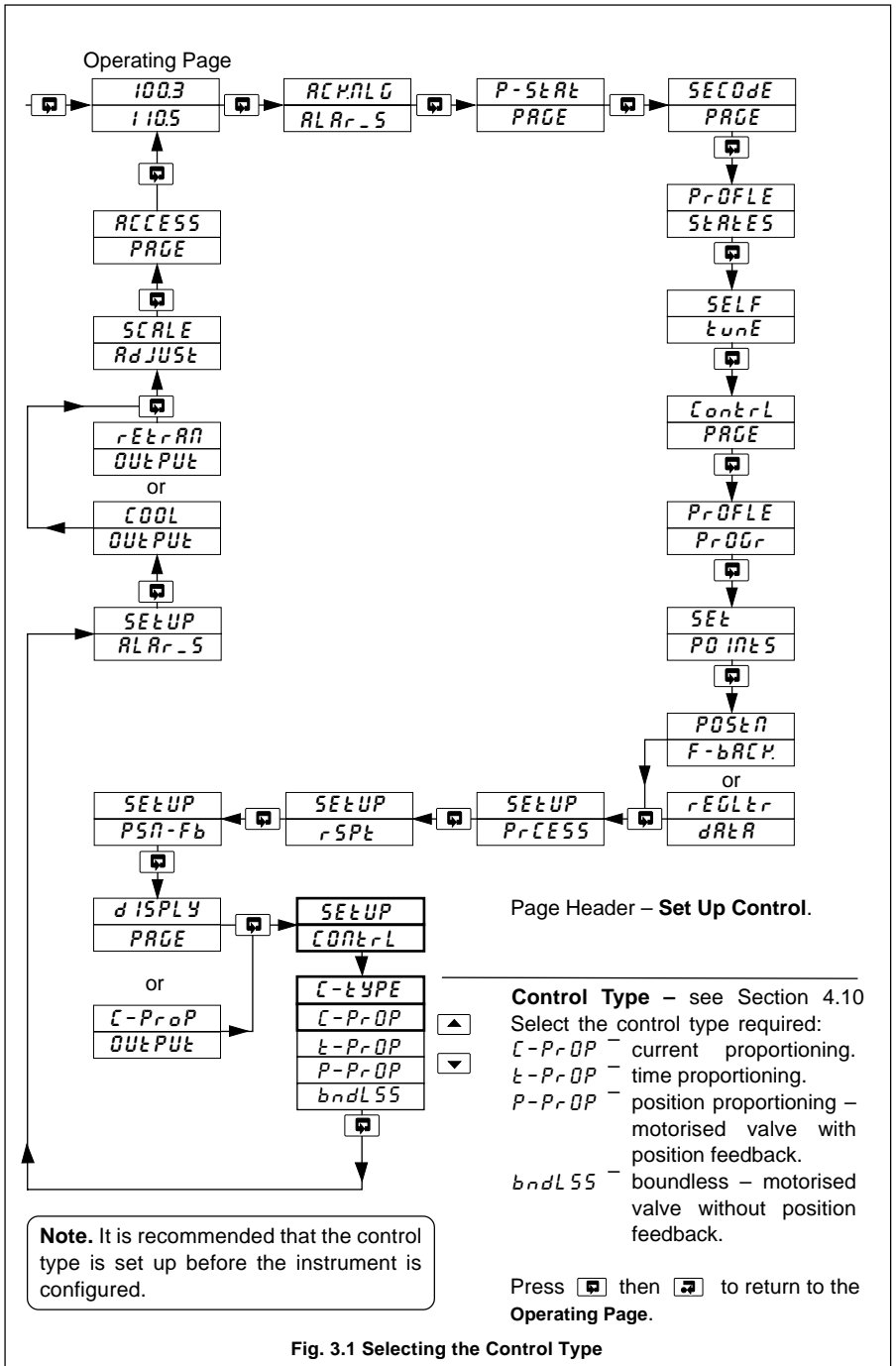


Fig. 3.1 Selecting the Control Type

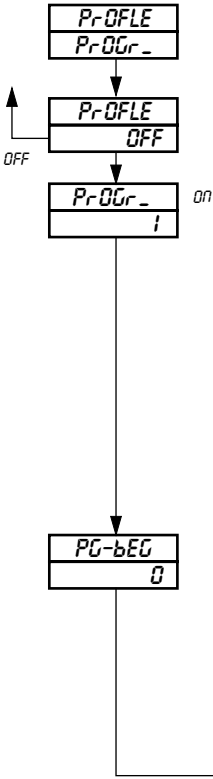
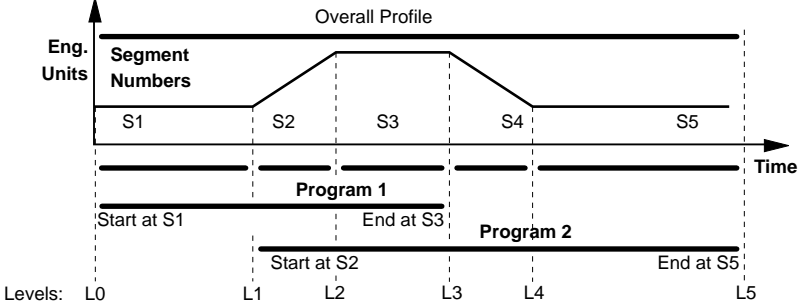
4 CONFIGURATION

4.1 Profile Program Page

Information.

- This page is inaccessible when a profile is running.
- Up to 9 programs for the C300/C310 (3 for the C301, 20 for the C302).
- Total of 30 segments for the C300/C310 (12 for the C301, 99 for the C302).
- Guaranteed Ramp/Soak feature.
- Repeat facility for each program.

Page Header – Profile Program.



Profile Enable

Select the profile function, *on* or *OFF*.

Program Select

Select the program required, between 1 and 9 (3 for C301, 20 for C302).

A program consists of up to 30 (12 for C301, 99 for C302) segments. Each segment has a starting and finishing set point level, giving a maximum of 31 (13 for C301, 100 for C302) levels. For identification purposes these levels are numbered 0 to 30 (12 for C301, 99 for C302), e.g.:

Level 1 is the finishing level of segment 1 and the starting level of segment 2

Level 10 is the finishing level of segment 10 and the starting level of segment 11.

Program Begin (start level)

This is the first level number of the program selected at **Program Select** above.

Set the program start level number for the program chosen at **Program Select**, between 0 and 29 (11 for C301, 98 for C302).

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