



FieldServer Driver - Fieldbus FS-8700-57 Profibus Multi-Slave

Driver Code: PRO_MS
Version: 1.0a
Protocol Documentation: N/A
Protocol Version: N/A
Physical Interface:

<u>Adapter</u>	<u>Physical Medium</u>
Prof_DP_MS	

Driver Description

The Profibus Multi-Slave (Profibus_MS) driver allows the FieldServer to transfer data to and from a Profibus DP master using Profibus DP protocol. The SST 5136-PBMS Communications Adapter card is included with the FieldServer. The FieldServer can emulate multiple DP slave units allowing up to 30500 bytes of input or output to be transferred.

The Profibus Multi-Slave driver builds a list of slaves from the FieldServer configuration file. The sizes of the input buffer, output buffer and diagnostic buffer are calculated based on the mappings found. The maximum input and output buffer size is 244 bytes. The maximum diagnostic buffer size is 32 bytes.

Driver Notes

The SST 5136-PBMS was installed in the FieldServer before it was shipped. The port address was set to 250. Also, there are two LEDs on the end of the 5136-PBMS card.