



- Supports all Profibus baud rates up to 12 Mbaud
- Simultaneous operation of Profibus DP Master, DP Slave, and FDL Protocols
- Scan rate 6000 I/O per ms for DP master
- DP Master Configuration Software included

The SST™ Profibus module for GE FANUC Series 90-70 connects your GE FANUC Series 90-70 controller to a Profibus DP Master, DP Slave and FDL. Applications include controlling I/O, monitoring I/O, and peer-to-peer communication. The SST™ Profibus module is configured in the GE 90-70 as a foreign VME module. A Profibus DP configuration can be created on a PC and downloaded to the SST™ Profibus module via a serial port.

Specifications

<b>SYSTEM</b>	<ul style="list-style-type: none"> <li>• SIEMENS ASPC2 LAN CONTROLLER FOR PROFIBUS FUNCTIONS</li> <li>• STANDARD PROFIBUS 9-PIN D-CONNECTOR TO CONNECT TO PROFIBUS BUS CONNECTOR</li> <li>• 5-PIN PHOENIX CONNECTOR (ADD BUILT IN TERMINATION BY MAKING CONNECTIONS ON THE PHOENIX CONNECTOR, INTERNALLY CONNECTED TO THE 9-PIN CONNECTOR)</li> <li>• SERIAL PORT FOR DOWNLOADING SOFTWARE MODULES AND CONFIGURATION DATA</li> <li>• GE FANUC SERIES 90-70 EXAMPLE SOFTWARE</li> </ul>
<b>PROCESSING SPEED</b>	<ul style="list-style-type: none"> <li>• 24 MHZ INTEL I960 RISC PROCESSOR WITH 512 KBYTES OF 32-BIT LOCAL RAM</li> </ul>
<b>MEMORY</b>	<ul style="list-style-type: none"> <li>• 256 KBYTES SHARED 16-BIT RAM, ACCESSIBLE FROM THE HOST AS 256 KBYTES OR IN 16 KBYTE PAGES</li> <li>• 512 KBYTES SECTORED FLASH MEMORY FOR STORAGE OF MODULE FIRMWARE AND CONFIGURATION DATA</li> </ul>
<b>DIAGNOSTICS</b>	<ul style="list-style-type: none"> <li>• HARDWARE WATCHDOG, OPTIONAL HOST WATCHDOG TO SHUT DOWN OPERATION</li> <li>• DIAGNOSTIC LED GIVES STATUS OF NETWORK ERRORS, DP MASTER/SLAVE, FMS AND FDL</li> </ul>
<b>POWER REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>• MAX 950 MA @ 5 V</li> </ul>
<b>OPERATING TEMPERATURE</b>	<ul style="list-style-type: none"> <li>• 32° TO 122°F (0° TO 50°C)</li> </ul>
<b>STORAGE TEMPERATURE</b>	<ul style="list-style-type: none"> <li>• -13° TO 158°F (-25° TO 70°C)</li> </ul>
<b>VME SIZE</b>	<ul style="list-style-type: none"> <li>• IEEE 1014, 6U HEIGHT, P1 COMPATIBLE</li> </ul>
<b>CAPABILITIES</b>	<ul style="list-style-type: none"> <li>• MEMORY SD16, SD08(E0), SA24</li> <li>• REGISTERS SD08(O), SA16</li> </ul>
<b>ADDRESSING</b>	<ul style="list-style-type: none"> <li>• STANDARD: 256 KBYTES ON ANY 256 KBYTE BOUNDARY OR 16 KBYTES ON ANY 16 KBYTE BOUNDARY;</li> <li>• SHORT: 8 BYTES ON ANY 1 KBYTE BOUNDARY</li> </ul>

PART NUMBER	DESCRIPTION
SST-PFB-GE	PROFIBUS NETWORK INTERFACE MODULE FOR GE FANUC SERIES 90-70