



Mark VIe PROFINET Gateway

IS420PPNGH1A



GE is constantly evolving their DCS and Safety platforms to improve customer experience, enhance plant operation, and keep pace with advancements in technology. The MarkVIe control solution now supports linking of PROFINET I/O devices with PROFINET V2.2 I/O connectivity.

The PPNG PROFINET gateway module maps I/O from PROFINET slave devices to the Mark VIe controller on IONet. The IS420PPNGH1A, connects Mark VIe controller to a high-speed PROFINET

local area network(LAN). Enabling communication with PROFINET I/O Devices. The PPNG provides all the functions, services, and protocols required for certification as a PROFINET RT Version 2.2 I/O Gateway, running 100 Mbps Ethernet interfaces. Functioning as a gateway IO Pack, PPNG with ToolboxST application provides ability to add PROFINET I/O devices and smart sensors into a typical Mark VIe control system architecture.

Features

- Single, Flexible, Simple & Intuitive configuration ControlST
- IO device data exchange rate from 1ms to 512 ms
- Up to 64 devices supported / Gateway
- Diagnostics - Device, IO module & IO point
- PROFINET IO Device manufacturer specific alarm details
- Online parameter download capability
- Auto reconfiguration of PPNG
- Simplex PROFINET supported
- 100 Mbps full duplex PROFINET NW
- Operating temperature -30°C to +65°C
- UL, CE, ATEX, CSA certifications
- PROFINET Class A Controller functionality
- PROFINET licensing using ID cable