

GT200-8HT-EN

HART / Industrial Ethernet Gateway

Introduction

The GT200-8HT-EN gateway supports the HART 7 standard and features 8 fully independent HART data acquisition channels, enabling highly efficient data interoperability with Modbus TCP networks. It offers deep compatibility with mainstream global process instruments from industry leaders such as Rosemount, Endress+Hauser KROHNE, and Yokogawa. Furthermore, it seamlessly integrates with Modbus TCP-compliant PLCs, DCSs, and upper-level SCADA systems, including Schneider Electric and WinCC.

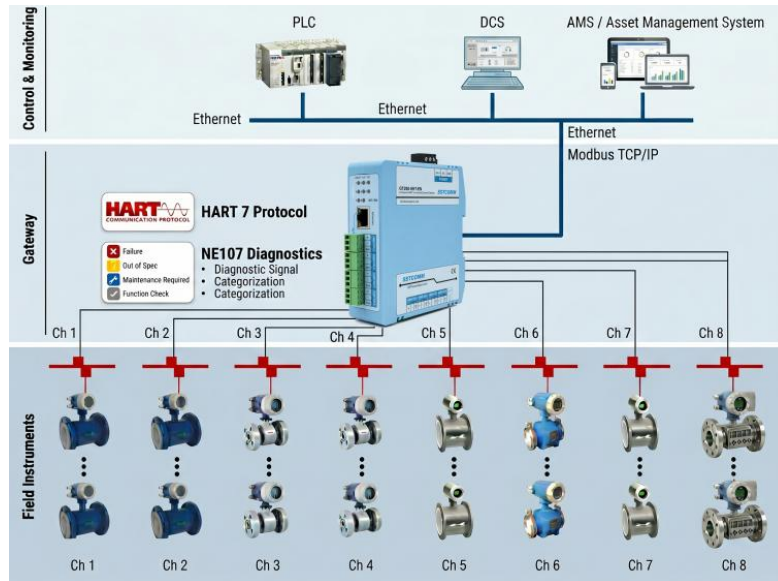


Technical Specifications

Modbus TCP Features	
Operation Mode	Modbus TCP Server
Supporting Function Codes	03H, 04H, 06H, 10H
Maximum Modbus TCP Client Connections	8
Maximum Number of Commands	512
Maximum Input and Output Bytes	3000 bytes in/out
HART Features	
Operation Mode	A Primary Master or the Secondary Master
Protocol Supported	Supports all commands of the HART 5, 6, and 7
Maximum Number of HART Commands	Supports up to 127 user commands across all channels
Maximum Number of HART Devices	Features 8 independent HART channels, supporting up to 32 nodes per channel with a maximum system capacity of 127 nodes
Electrical / Environmental	
DC Input Voltage	24 VDC (9V-30V), 70mA (24VDC).
Operating Temperature	-40°C to 70°C (-40°F to 158°F), Humidity 5% to 95%
Certification	CE Compliant
Physical	
Dimensions (W x H x D)	1.3in x 4.6in x 4.1in (34mm x 116mm x 105mm)
Mounting	35mm (1.4in) DIN Rail
Ethernet Port	10/100 Base-T, RJ45 Connector
Power Interface	3-Pin Terminal Block

Typical Application

The GT200-8HT-EN gateway can connect multiple HART devices to PLC, DCS and AMS.



Dimensions

Unit: Inch (mm)

