Q.station XB | EC

EtherCAT add-on for Q.station-X

Q.station X is a high-performance edge controller for data acquisition, which provides accurate synchronization of measurement data, high-speed redundant data logging, and parallel communication over TCP/IP, CAN, ProfiNET, Modbus, and EtherCAT. The Q.station X comes with an optional full-featured programmable application controller designed for complex control and automation tasks.

- RS485 fieldbus interface up to 48 Mbps: LocalBus, up to 115.2 kbps: Modbus-RTU, ASCII
- Connectable to Controller Q.station X
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Power supply 10 ... 30 VDC
- DIN rail mounting (EN60715)



Key Features

- EtherCAT extension based on Ethernet standard



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Technical Data

Requires Q.series-X Controller: Q.station-X

This product consists of the Q.station-X controller with the extension as specified in this datasheet..

You can find the datasheet for the Q.station-X controller on the Gantner Instruments website.

All specifications and facts of the Q.station-X datasheet, if not stated otherwise, also apply to this device.

EC Specifications

Electrical standard	Ethernet
Data rate	1024 Byte Data (253 variables read and 253 variables write)
Baud rate	100 Mbps
Cycle time	≥100 µs
isolation voltage	500 V

Mechanical information

Material	Aluminum and ABS
Measurements (W x H x D)	60x 145 x 135mm
Weight	approx. 700 g
Protection class	IP20

Ordering Information

Article number	584227
Accessories	GI.bench, article number -
	GI.cloud, article number -
	Q.station XB, article number 506322

Gantner Instruments

Austria | Germany | France | Sweden | India | USA | China | Singapore

Montafonerstraße 4 · A-6780 Schruns · T +43 55 56 · 77 463-0

office@gantner-instruments.com

www.gantner-instruments.com