

Multi-channel connection

Maximum: 85

High capacity and high speed data transmission

〈Data transfer speed〉
EtherNet/IP:10/100Mbps
PROFINET:100Mbps

Expanded fieldbus compatibility

Additional digital gauge interface options for popular PLC protocols

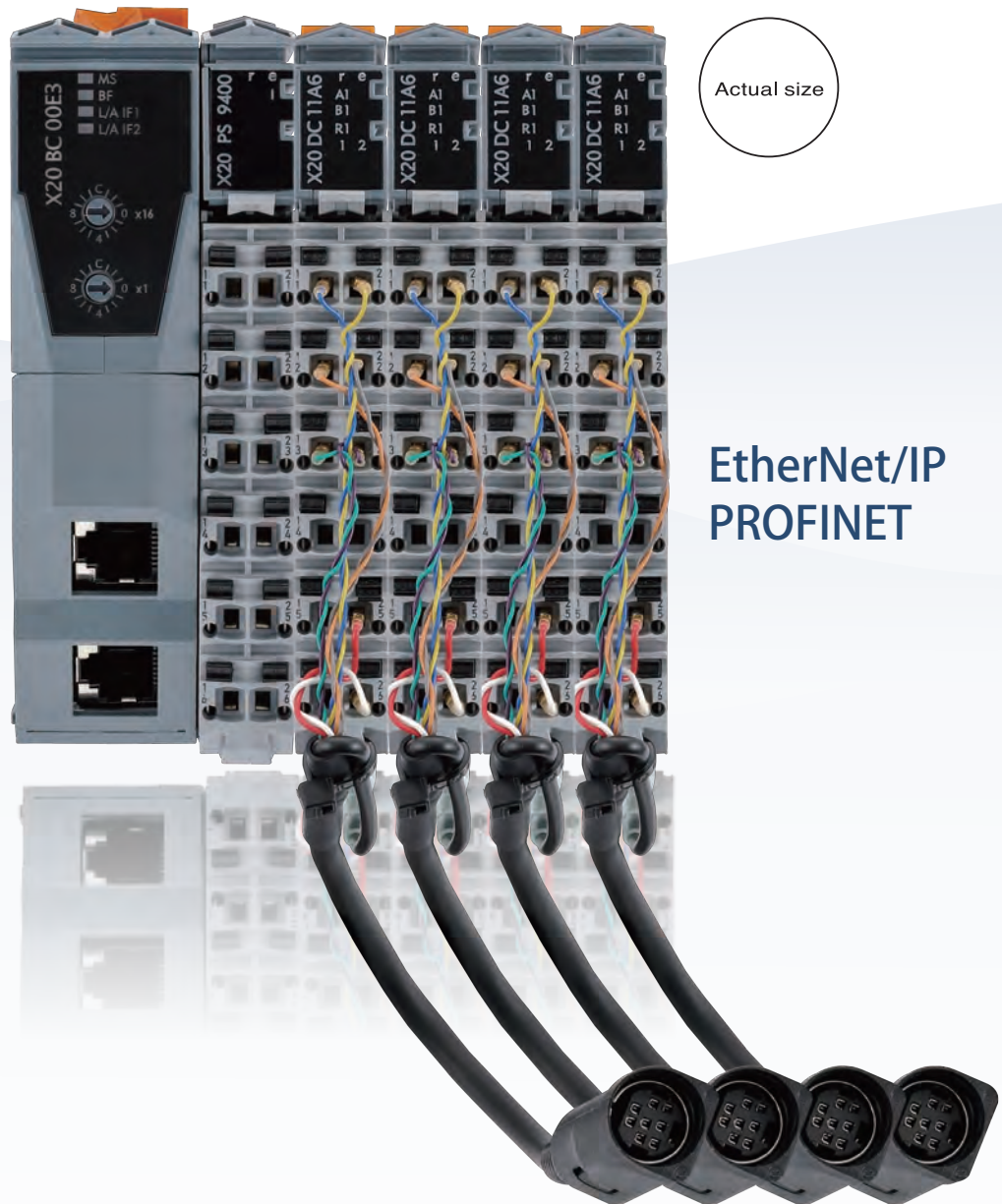
NEW

Main module

MG70

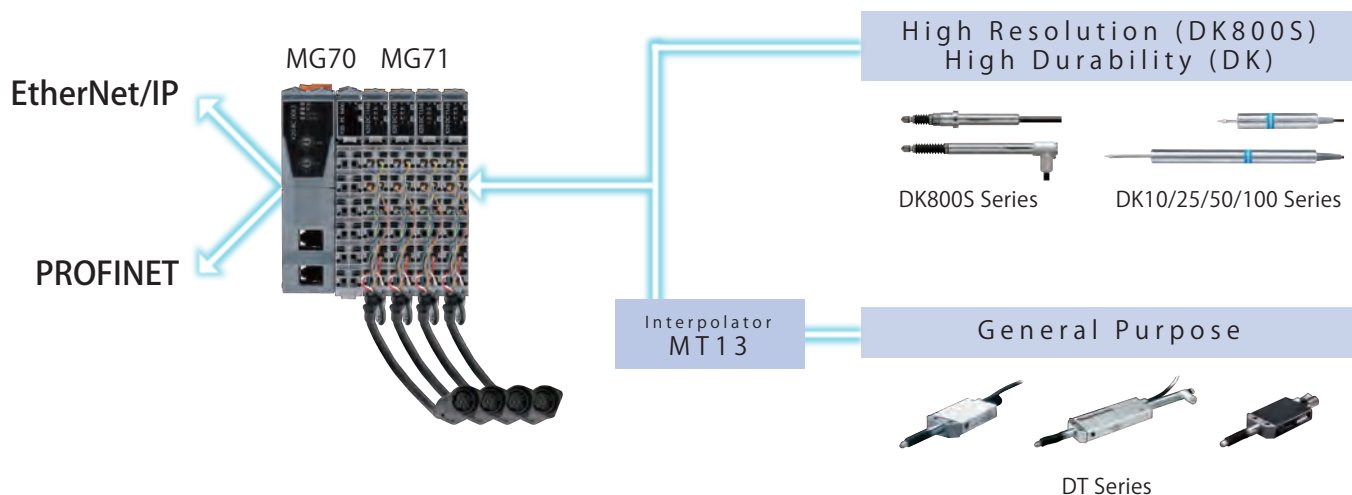
Counter module

MG71



EtherNet/IP
PROFINET

Configuration



Specifications

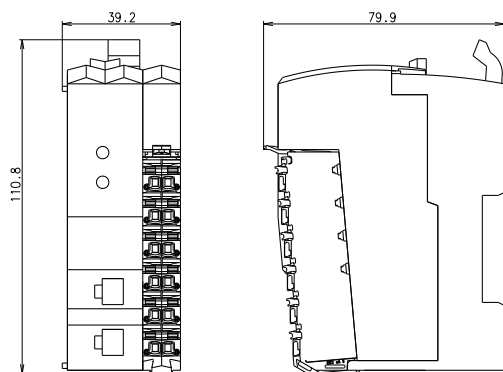
MG70 Series

Model Name	Main module		Counter module
	MG70-EI	MG70-PN	MG71-CM
Communication protocol	EtherNet/IP	PROFINET RT	Data transferred to main module by dedicated protocol
Data transfer speed	10/100Mbps	100Mbps	—
Maximum connectable counter modules	85 units*		—
Maximum connectable gauges	—		1 unit
Mounting method	35mm DIN rail mounting		
Power supply voltage	24V DC (20.4 to 28.8V DC)		
Power consumption	2W or less		1.01W or less
Cable length (Communication distance)	Segment length : Max. 100 m between two stations		—

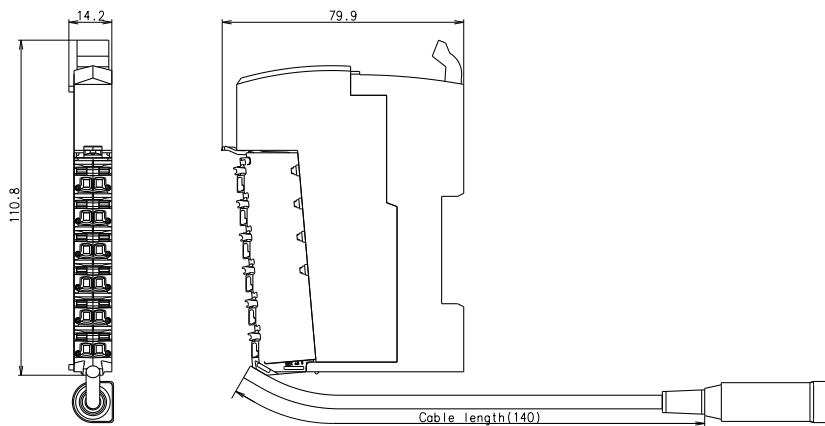
*This is the maximum number of connection when supplying power by one power supply module. Maximum of 250 units of MG71-CM can be connected by adding power supply modules. Please contact us for connection of MG71-CM more than 86 units.

Outside dimensions

Main module MG70-EI/MG70-PN



Counter module MG71-CM



⚠ Safety Precautions : To use this product safely, please read the instruction manual carefully prior to usage.

●Magnescale reserves the right to change products and specifications without prior notice

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