

! Contact our sales office for delivery dates and prices as this is a special model.

Specialized Product

Point to Group
P.G. information

CC-Link IE Field Compatible Fieldbus System

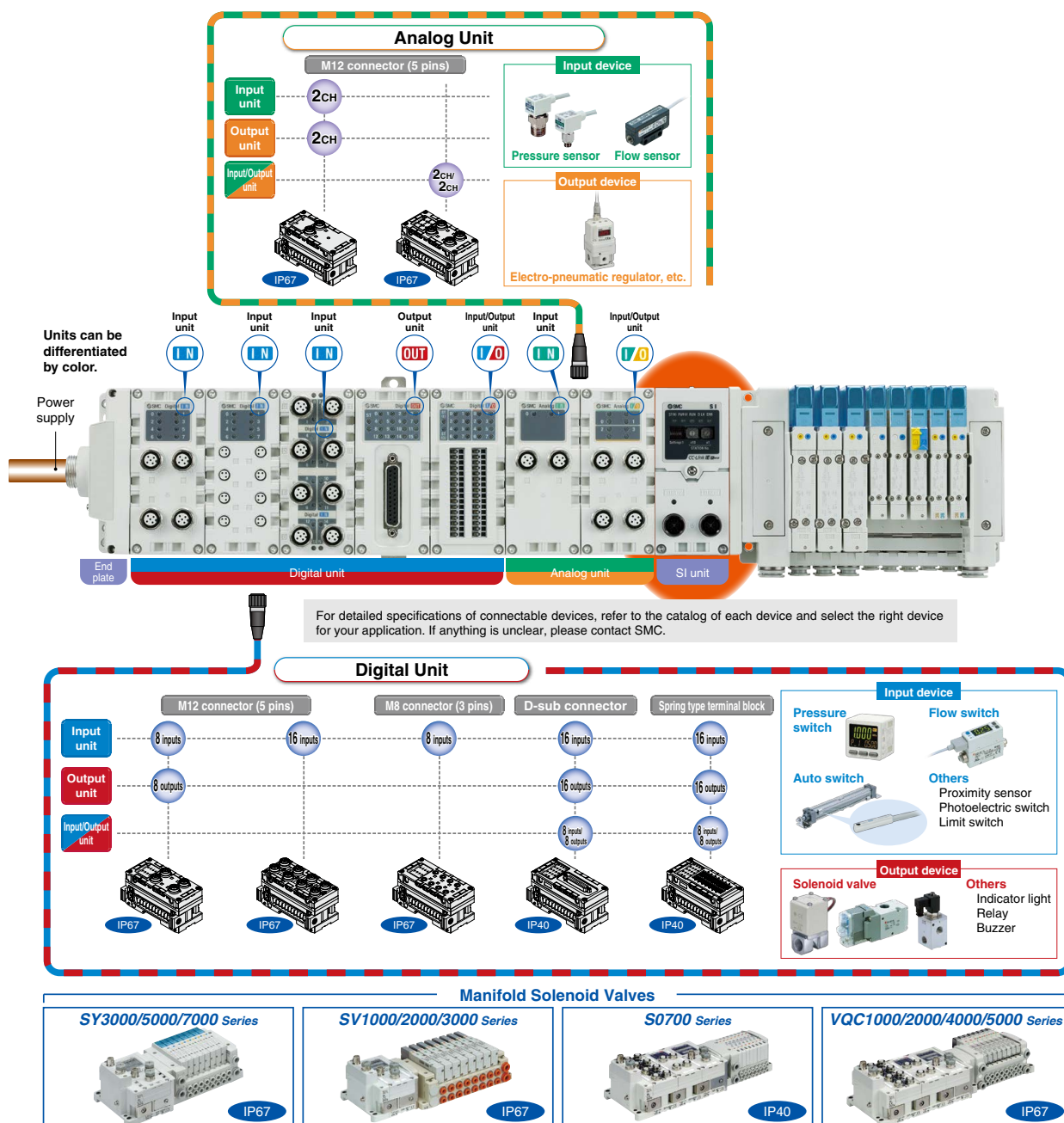
EX600-SCF1-X60

CC-Link IE Field™

Features

Supports the CC-Link IE Field communication protocol

* CC-Link IE Field: Industrial Ethernet that supports a communication speed of 1 Gbps



Caution

To ensure the safest possible operation of this product, please be sure to thoroughly read the "Safety Instructions" in our "Best Pneumatics" catalog before use.

SMC Corporation 4-14-1, SOTO-KANDA, CHIYODA-KU, TOKYO 101-0021, JAPAN URL: <http://www.smcworld.com>

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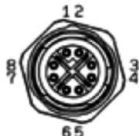
Specifications

Item		Specifications
Communication	Protocol	CC-Link IE Field
	Station type	Intelligent device station
	Communication speed	1 Gbps
	Allowable station number setting	1 to 120
	Allowable network number setting	1 to 239
	Transmission method	Cyclic transmission
	Configuration file	CSP+
	Network topology	Star, Line, Ring
	Occupied input size	RX: 32 to 176 bits RWr: 32 to 608 words
	Occupied output size	RY: 32 to 176 bits RWW: 32 to 608 words
Internal current consumption (Power supply for control/input)		140 mA or less
Output	Output type	Source/PNP (Negative common)
	Number of outputs	32 outputs
	Connected load	Solenoid valve with surge voltage suppressor of 24 VDC and 1.0 W or less (made by SMC)
	Applicable valve manifold	SY3000, SY5000, SY7000 VQC1000, VQC2000, VQC4000, VQC5000 SV1000, SV2000, SV3000 S0700
	Power supply	24 VDC, 2 A
	Fail safe	HOLD/CLEAR
	Protection	Short-circuit protection
Operating temperature range		-10 to 50°C
Enclosure		IP67 (Manifold assembly)
Standards		CE marking, RoHS compliant
Weight		300 g or less

Please contact SMC for the operation manual and configuration file.

Refer to the catalog and the SMC website for other specifications of the EX600, end plate, and input/output units.

Wiring Specifications

Communication connector PORT 1 (P1) & PORT 2 (P2)		
M12 8-pin socket, X-Coding (Cat. 6A)		
	No.	Designation
	1	DA+
	2	DA-
	3	DB+
	4	DB-
	5	DD+
	6	DD-
	7	DC-
	8	DC+
Mating cable examples [M12 connector — Separate lines] : NBC-MSX/1,0-94F SCO (Order no.: 1407467) (1 m) : NBC-MSX/2,0-94F SCO (Order no.: 1407468) (2 m) : NBC-MSX/5,0-94F SCO (Order no.: 1407469) (5 m), etc. (made by PHOENIX CONTACT) [M12 connector — RJ45 connector] : NBC-MSX/1,0-94F/R4AC SCO (Order no.: 1407471) (1 m) : NBC-MSX/2,0-94F/R4AC SCO (Order no.: 1407472) (2 m) : NBC-MSX/5,0-94F/R4AC SCO (Order no.: 1407473) (5 m), etc. (made by PHOENIX CONTACT)		

How to Order

EX600-S CF 1-X60

Communication protocol

CF CC-Link IE Field

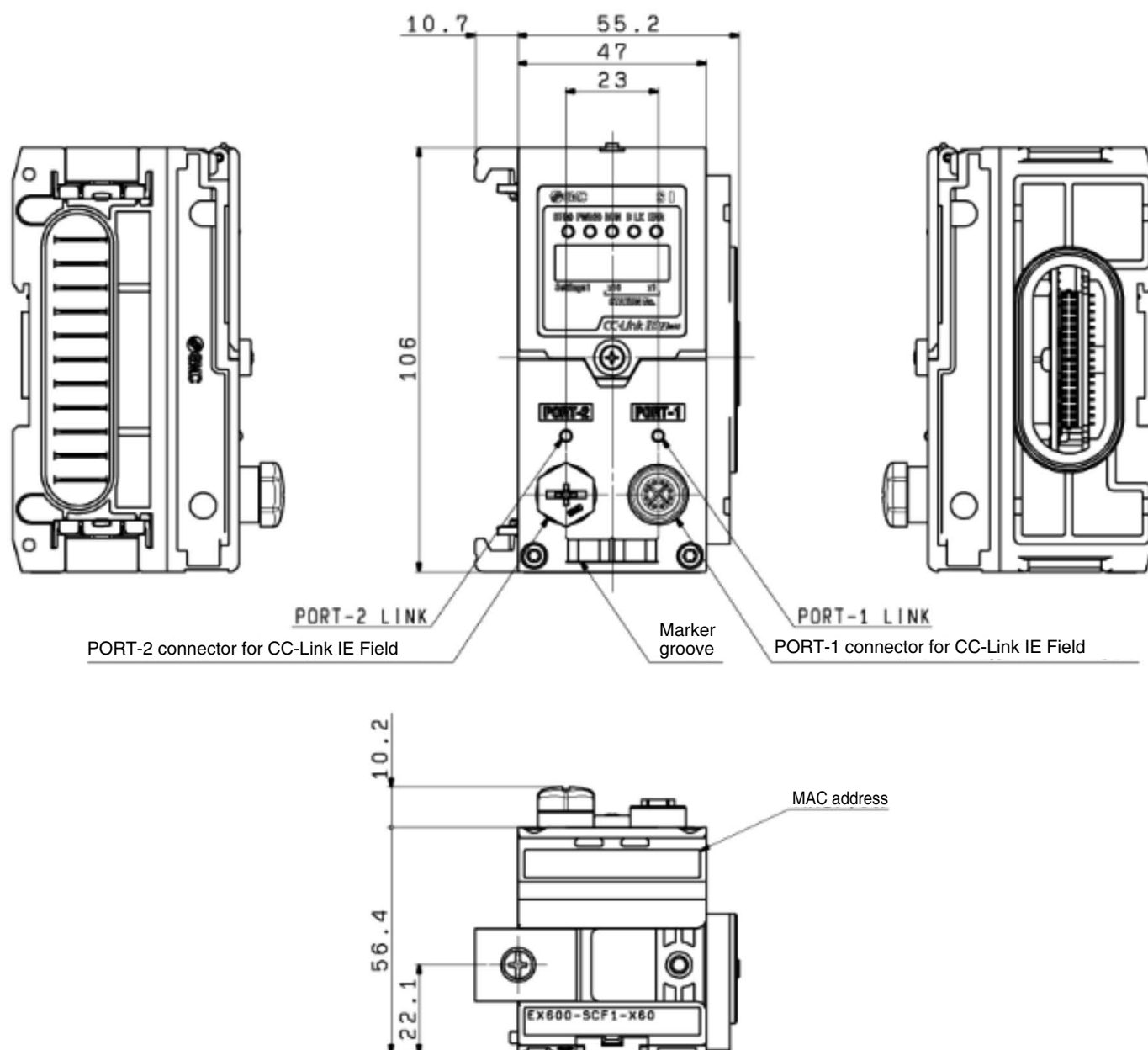
Output specification

1 32 outputs, PNP (Negative common)/Source

* Order the end plate and input/output units as a set to be used in combination.

Dimensions

[mm]



Caution

1. For the dimensions when combined with the valve manifold, use the valve manifold dimensions of the standard EX600 series.
2. Order the valve manifold, end plate, and input/output units separately.
Specify "no SI unit" and "negative common" for the valve manifold specifications.