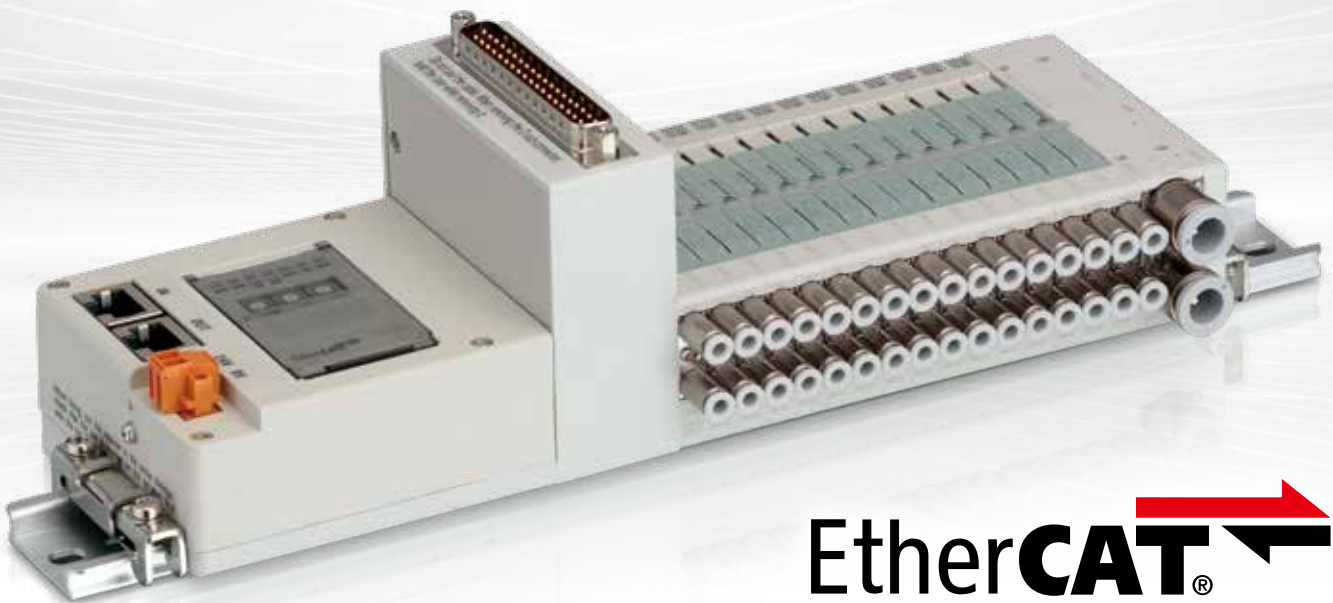


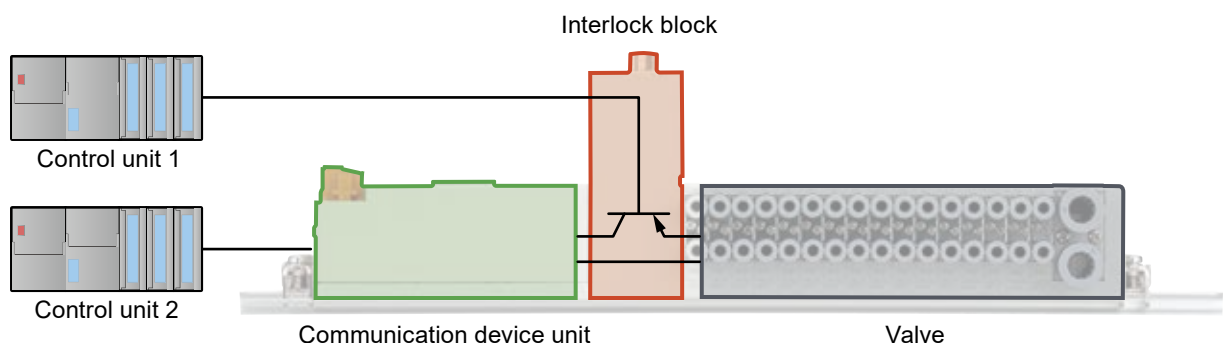
Interlock Function with Individual Power Supply and Cutoff

Supports up to 32 stations (64-pt. output).
Footprint minimized.



● Interlock function

An interlock is a safety and security mechanism in which other operations cannot be performed unless certain conditions are met.



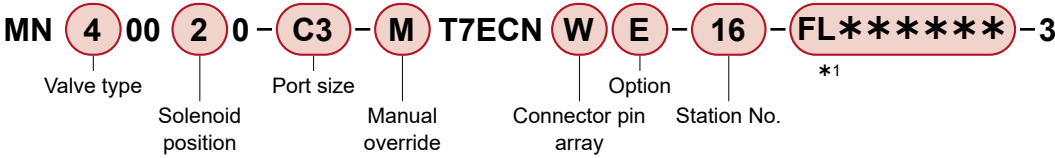
The valve will not operate unless the output signal of control unit 1 and the output signal of control unit 2 are in an AND condition. This prevents the valves from malfunctioning in response to unintended signals from the control device unit.

MN3/4E0/MN3/4E00 Series with Interlock

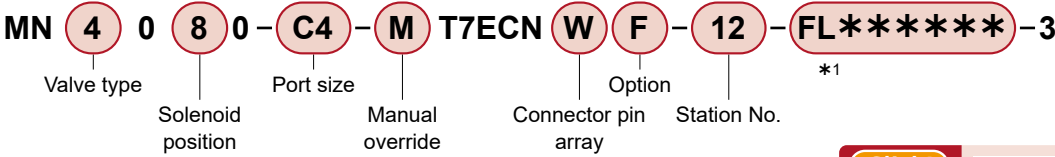
MN3/4E0, MN3/4E00 Series

How to order

■ MN3E00, MN4E00 Series



■ MN3E0, MN4E0 Series



1. After selecting the order model No., we will write a 6-digit character for "".
*2. For details on the MN3E0 and MN4E0 Series (specifications, model Nos., etc.), refer to CKD components product website (<https://www.ckd.co.jp/en/>).



Specifications

Specifications

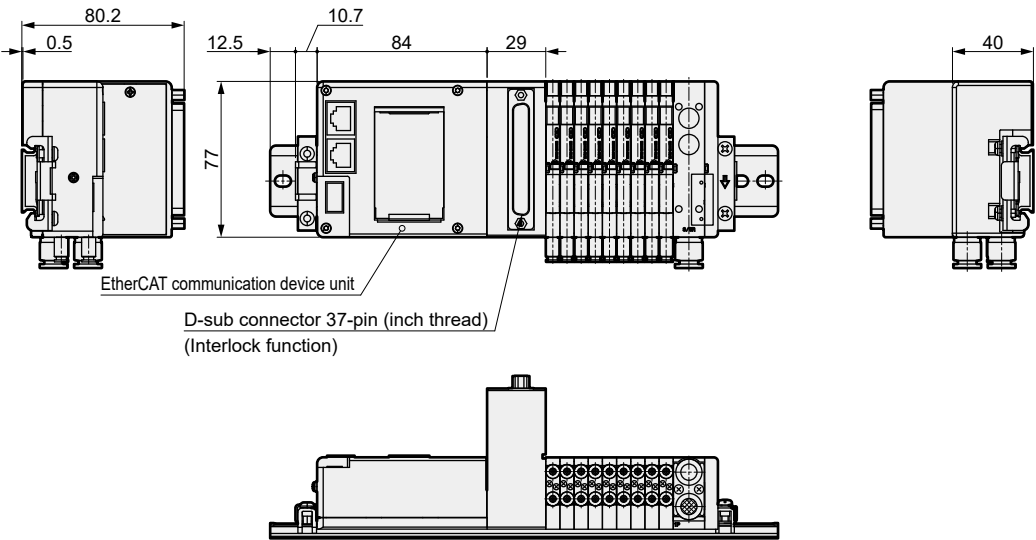
Item	Description
Manifold method	Block manifolds
Manifold	Common supply/common exhaust/with check valve built-in
Working fluid	Compressed air
Valve and operation	Pilot operated soft spool valve
Min. working pressureMPa	0.2
Max. working pressureMPa	0.7
Proof pressure MPa	1.05
Ambient temperature °C	5 to 50
Fluid temperature °C	5 to 50
Lubrication	Not required
Degree of protection	Dust-proof
Vibration resistance m/s ²	30 or less
Shock resistance m/s ²	150 or less
Atmosphere	Cannot be used in corrosive gas environments
Manual override	Locking/Non-locking common or dedicated Non-lock

Device unit specifications

Item	Description
Unit power supply voltage	21.6 V to 26.4 VDC (24 VDC ±10%)
Unit power supply current consumption	200 mA (when all points are ON: 24.0 VDC)
Valve power supply voltage	22.8 to 26.4 VDC (24 VDC +10%, -5%)
Output *1	PNP
No. of output points	64 points
Switch setting	Station Alias 0.1 to FFF (Hex)
Insulation resistance	30 MΩ or more between external terminals collectively and the case, measured with a 500 VDC megger.
Withstand voltage	500 VAC for one minute between external terminals collectively and the case.
Communication protocol	EtherCAT
Transmission bit rate	100 Mbps
Output insulation method	Photo coupler insulation
Leakage current	0.1 mA or less
Residual voltage	0.5 V or less
Fuse	Valve power supply: 24 V 3 A Unit power supply: 24 V 3 A (fuse cannot be replaced)

*1. PNP output only.

Dimensions



The goods and/or their replicas, the technology and/or software found in this catalog are subject to complementary export regulations by Foreign Exchange and Foreign Trade Law of Japan. The law requires a license from Ministry of Economy, Trade and Industry to export them.

CKD Corporation

[Website]
<https://www.ckd.co.jp/en/>

Head Office · Plant
Tokyo Office

Osaka Office

2-250, Oujii, Komaki, Aichi 485-8551
4F, Bunkahousou Media Plus, 1-31-1, Hamamatsu-cho, Minato-ku, Tokyo 105-0013
6F, PMO EX Shin-Osaka, 4-2-10 Miyahara, Yodogawa-ku, Osaka 532-0003
TEL(0568)77-1111 FAX(0568)77-1123
TEL(03)5402-3620 FAX(03)5402-0120
TEL(06)6396-9630 FAX(06)6396-9631