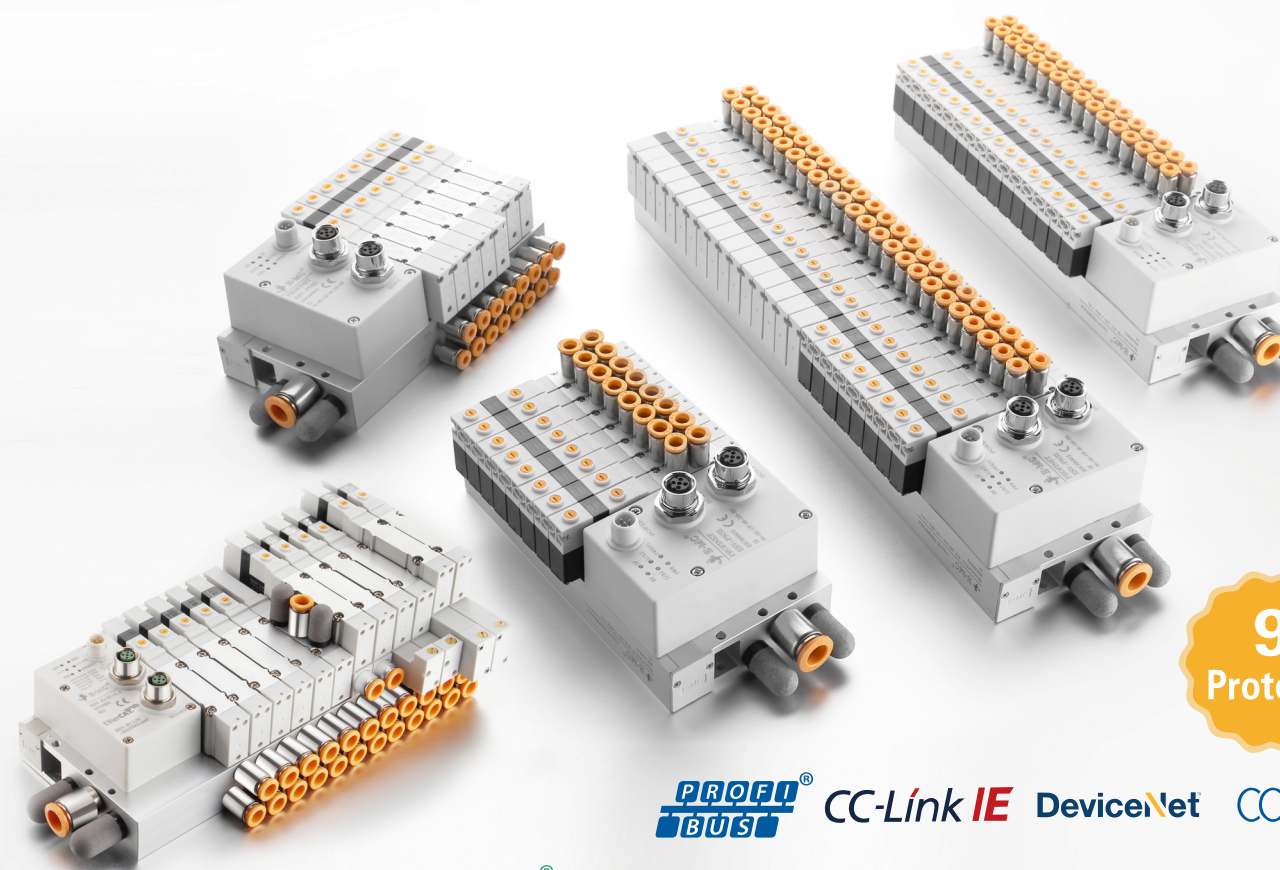




ESV Fieldbus Valve Terminal



9
Protocol

E · MC GROUP

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Company Website



E·MC GROUP
ELGE2405ESV

Flow Capacity Max CV: **0.9**

Coil Power Min **0.35** W

Outputs Max **48** points

Installation Space

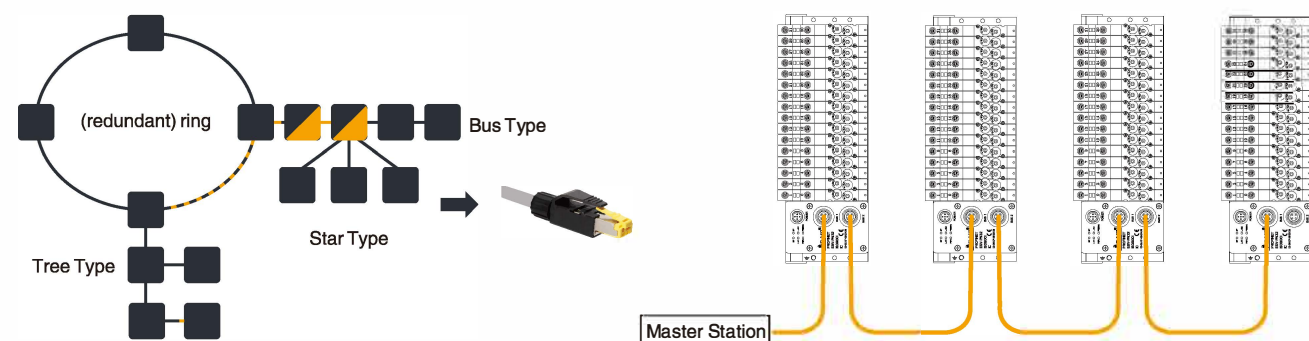
Max save **45%**

Service Life

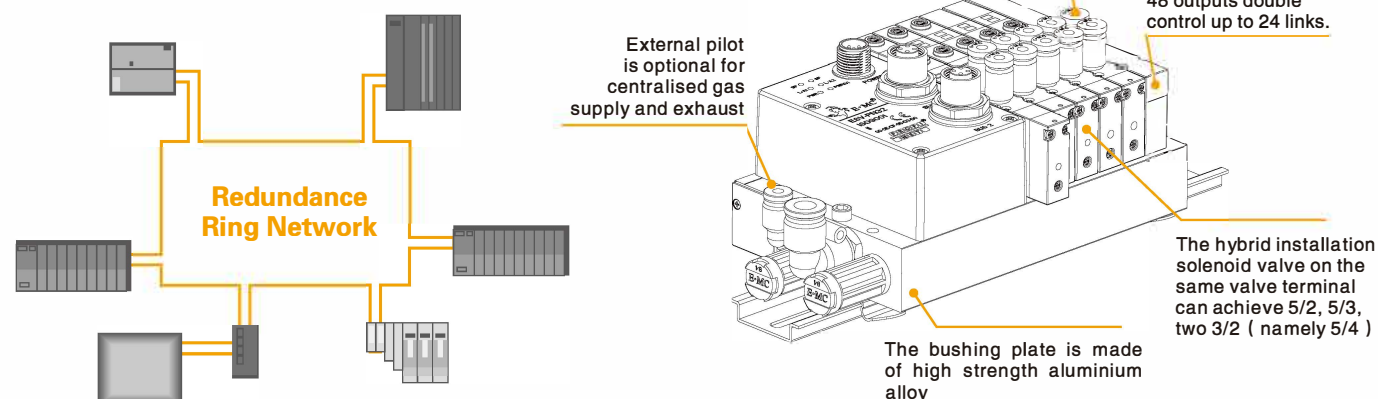
Max **50M**

Fieldbus Valve Terminal Features

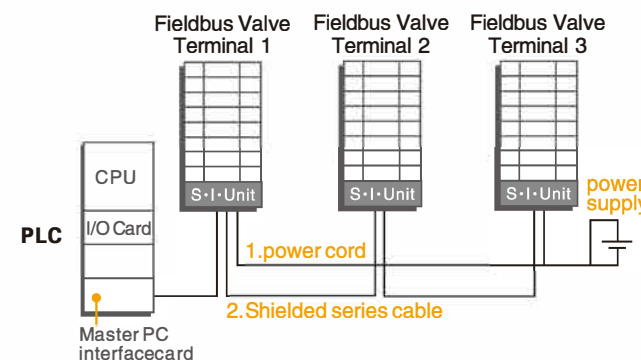
- ⊙ The Ethernet Fieldbus Valve Terminal is equipped with 2 M12 interfaces as standard, without external branch connectors, and can directly realise series communication connection.
- ⊙ Flexible topologies: bus, star, tree, ring and hybrid network topologies.



- ⊙ MRP function (Media Redundancy Protocol)
Increase device availability, media redundancy integrated in PROFINET can be easily applied without additional cost within 200ms automatic renetworking.
- ⊙ FSU function (Fast Start Up)
The wait time between restarted scheduled processes is reduced to a minimum. Accelerates the production process port with removable 10 devices to greatly improve production efficiency.



Bus Wiring Method – Connected in Series

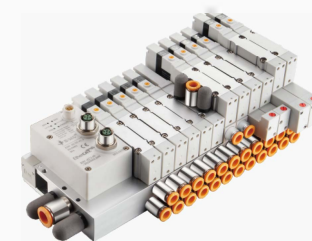


10 Advantages

- ⊙ Support 9 bus communication protocols and D-sub multi-pin interfaces.
- ⊙ Output points 16, 24, 32, 42, 48 optional, maximum support 24 valve positions.
- ⊙ Diagnostic functions: system diagnosis, communication error, service life count, short circuit protection, open circuit detection, reverse connection protection, undervoltage and overvoltage diagnosis.
- ⊙ Valve terminal protection class IP40, IP65/67 optional.
- ⊙ Safe output can be set at any point in module parameter interface. For example, when the bus connection is interrupted.
- ⊙ 10-Link supports hot swap (plug and play).
- ⊙ A number of core invention patents.
- ⊙ The solenoid valve on the same valve terminal can realize 5/2, 5/3, two 3/2, two 2/2.
- ⊙ The powerful pressure zone and stacking module function improve the safety performance of the valve terminal.
- ⊙ Coil power: standard type 0.8W, energy-saving type 0.35W.

Related Products

S2VM/ES2VM Stacking Module Valve Terminal



Series	Valve Body Size	Port Size
S2VM	2	1/8"/C4/C6/C8
ES2VM	2	

SVT Solenoid Valve (IP65)



IP65

Series	Valve Body Size	Flow Rate		Port Size
		mm ²	CV Valve	
SVT	1	4.6~6.5	0.26~0.39	M5/Ø4、M7/Ø6
SVT	2	14.5~16.2	0.8~0.9	06、Ø4、Ø6、Ø8

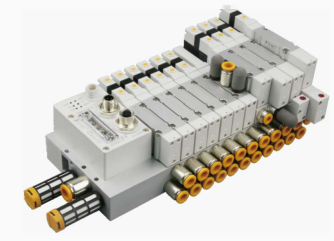
ESVT Fieldbus Valve Terminal (IP65)



IP65

Series	Valve Body Size	Port Size
ESVT	1	06 M5/C4 M7/C6
ESVT	2	

ES2VMT Stacking Module Valve Terminal (IP65)



IP65

Series	Valve Body Size	Port Size
ES2VMT	2	1/8"/C4/C6/C8