

ControlNet / AS-Interface MASTER

GEMÜ 4112 eControl



GEMÜ® VALVES, ACTUATORS
AND CONTROL SYSTEMS

GEMÜ 4112 eControl - ControlNet / AS-Interface Master

CONTROL NET IS GOOD ...

The new compact programmable AS-Interface Master was specially designed for use in ControlNet networks and field bus automation systems to AS-Interface specification 2.1. Redundant ControlNet operation is also supported.

The GEMÜ 4112 eControl AS-Interface Master can be installed locally and is used in conjunction with AS-Interface components/slaves such as the GEMÜ 4221 and 4222 programmable valve switchboxes .

As a gateway in a dual master version, up to 124 AS-Interface slaves can be directly controlled by ControlNet. Both digital and analogue slave profiles are supported.

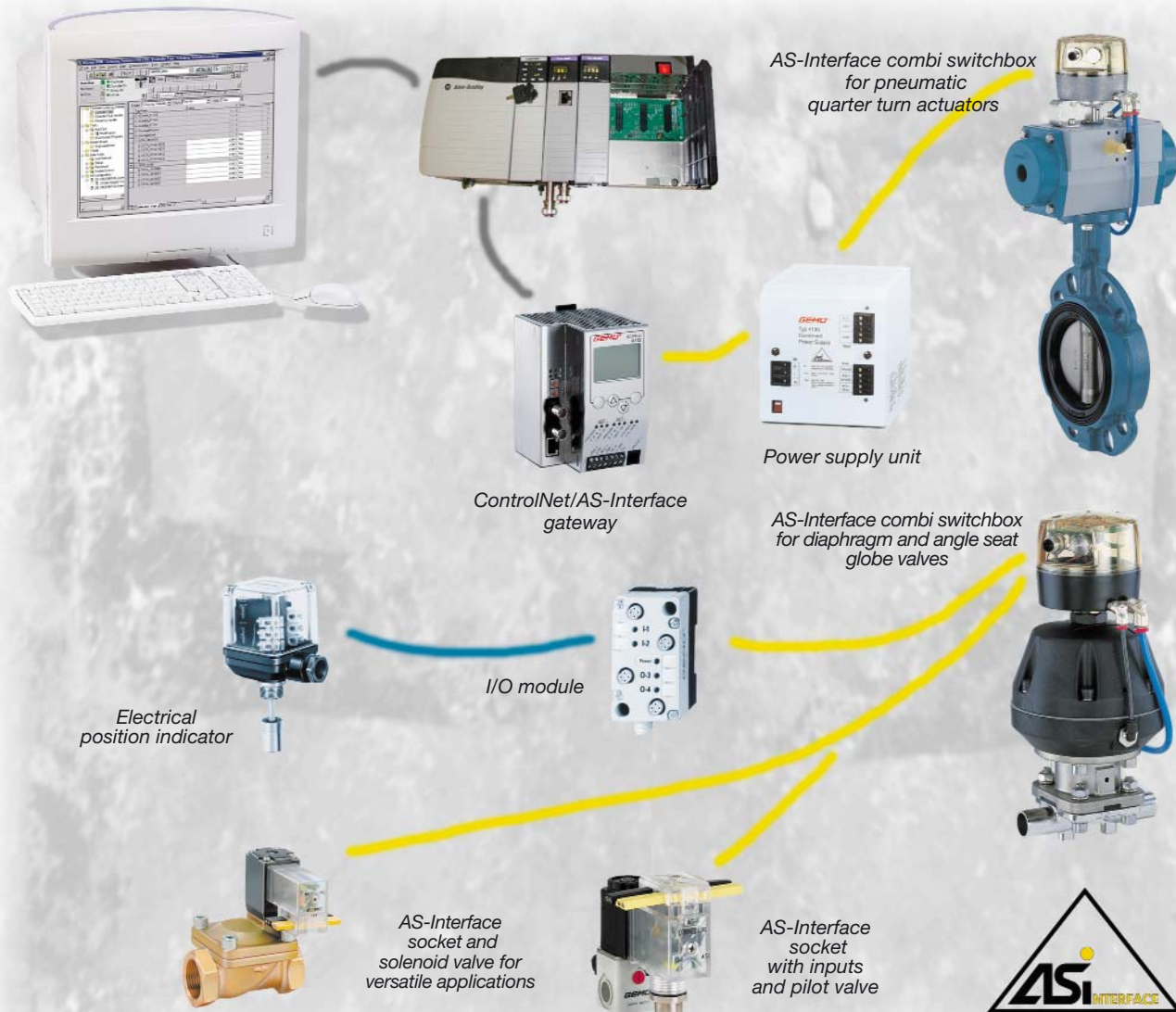
Its programming capability to IEC 1131-3 provides the greatest possible flexibility and adaptability for applications. The unit's clear graphic display enables extensive information to be directly requested on-site.

...BUT WITH AN AS-INTERFACE MASTER - IT IS BETTER.

ADVANTAGES:

- Direct ControlNet connection and gateway to AS-Interface
- Redundant ControlNet operation
- Simple scanning/browsing of access variables
- Quick set-up
- Versatile operating facilities
- Fascia buttons
- Large graphic display
- Serial RS232 interface
- Application specific programming





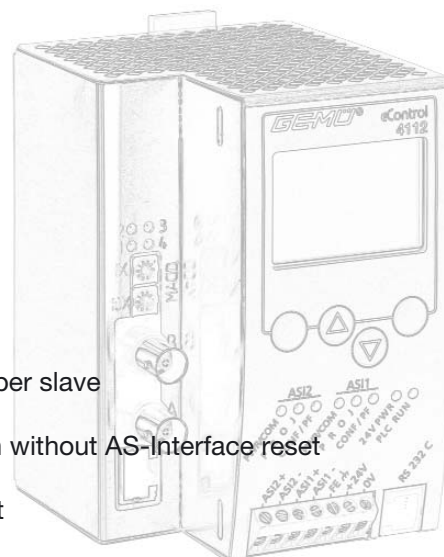
Technical specifications:

Operating voltage	20..30VDC (PELV)
Ambient temperature	0 to +60°C
Protection to DIN 40050	IP 20
Housing material	Aluminium
Mounting	on 35 mm DIN rail
Number of AS-Interface masters	1 or 2 (optional)
AS-Interface profile	M3 according to version 2.1
Supported V2.1 features	<ul style="list-style-type: none"> · A/B Slaves · Periphery fault detection · Extended ID codes

Additional features

- AS-Interface cycle counter
- Communication error counter per slave
- Configuration error counter
- Change to protected operation without AS-Interface reset
- Easy start up

ControlNet connection	BNC (50W) Port A, B, redundant
Diagnosis connection/ NAP	RJ45 network access port
MAC ID/ address switch	2 decimal rotary switches, setting range 1- 99





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