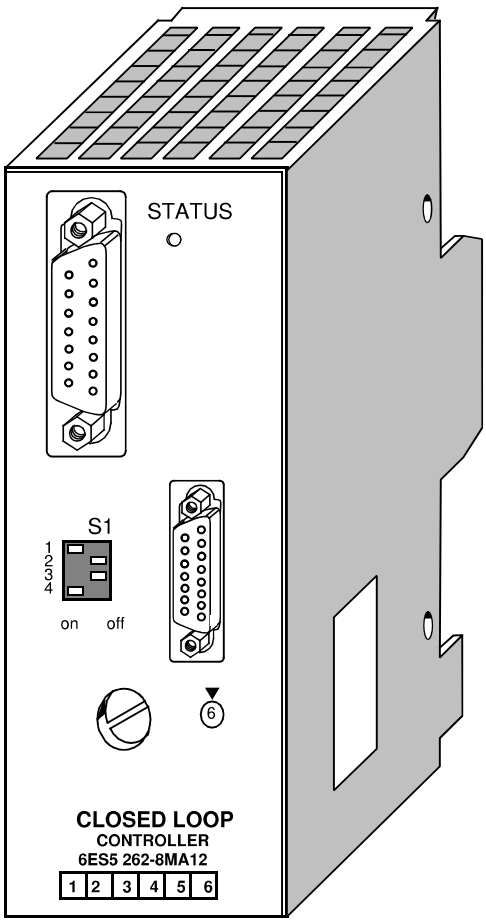
15.7 Closed-Loop Control Module IP 262 (6ES5 262-8MA12) (6ES5 262-8MB12)



Technical Specifications

Controller

Total cycle time (equals scan time)	100 to 200 ms
Resolution of the open-loop controller	5 ms at 50 Hz 4.2 ms at 60 Hz

Analog Inputs

Number of inputs	4 (suited for current, thermo-couple, or resist-ance thermometer), voltage with external switching
Additional input for reference temperature	1 (resistance thermometer)
Galvanic isolation	no
Permissible voltage difference	
- between inputs	- 1 V to +1 V
- between inputs and central ground point	- 1 V to +1 V
Digital representation of the input signal	11 bits+sign
Current input	
- input signal range	0 to 20 mA or 4 to 20 mA
- input resistance	24.3 ±0.1%
mV Input (for thermocouple)	
- input signal range	0 to 50 mV or - 8.9 to 41.1 mV (type J, K, L, S)
Cable impedance	30 per wire
Resistance thermometer	
- start	18.49
- end	219.12
- permissible cable impedance	30 per wire

Binary Inputs

Number of inputs	4
Galvanic isolation	no
Signals state “0”	- 30 to+4.5 V or open
Signal state “1”	+13 to +30 V (signal state invertible)
Input resistance	approx. 4 k

Analog outputs of the constant controller
(6ES5 262-8MA12)

Number of outputs	3
Galvanic isolation	no
Output signal range	0 to 20 mA or 4 to 20 mA
Maximum permissible load	600
No load voltage	(L+) - 2 V

Binary outputs for the open-loop controller
(6ES5 262-8MB11)

Number of outputs	8
Galvanic isolation	no
Signal state “0”	<1.5 V
Signal state “1”	(L+) - 3.8 V
Maximum load current	100 mA short-circuit proof

Wiring method

Programmer (PG) Operator panel (OP) SINEC L1 network connection	front side via 15-pin subminiature D connector
Connectable are	PG 605, PG 635, PG 675, PG 685, PG 695, PG 730, PG 750, OP 393, OP 396, OP 395
Analog and binary inputs	front side via 25-pin subminiature D connector
Analog and binary outputs	via terminal block of the bus unit

General data

Input voltage	
- rated value	24 V DC
- permissible range	18 to 34 V DC
- permissible range with the PG 605/OP 393	18 to 27 V DC
Current consumption	
- internal (from the CPU; 9 V)	approx. 20 mA
- external (for 24 V; without load)	approx. 180 mA
- external (for 24 V; without load; with PG 605/OP 393)	approx. 340 mA
Ambient temperature	0 ° to 55 °C (32 to 131°F)