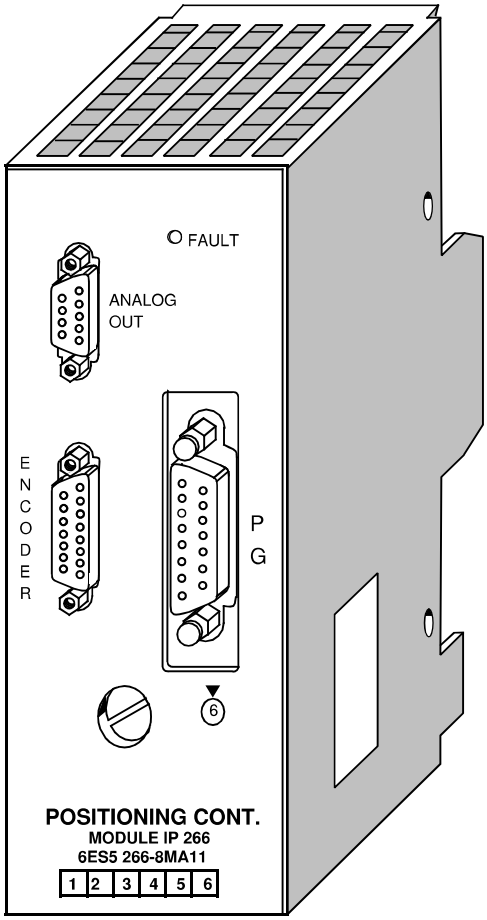
15.11 Positioning Module IP 266 (6ES5 266-8MA11)



Technical Specifications

Analog Output		
Output signal range		±10 V
Digital signal representation		13 bits plus sign
Short-circuit proof		yes
Reference potential of the analog output signal		analog ground of the power section
Cable length shielded	max.	32 m (105 ft.)
Pulse Input		
Position decoder		incremental
Traverse range		±32767.999 mm/ 0.1 inch/degree
Input voltages for the tracks - differential inputs - asymmetrical inputs		 5 V/RS 422 24 V/typ. 7.3 mA
Supply voltage for the sensor (short-circuit proof)		5 V/350 mA 24 V/350 mA
Input Frequency and Cable Length		
Symmetrical sensors (5 V)	max. max.	500 kHz, 30 m (98 ft.) shielded cable length
Asymmetrical sensors (24 V)	max.	100 kHz for 25 m (82 ft.) cable length shielded
	max.	25 kHz for 100 m (330 ft.) cable length shielded
Input Signals		2 pulse series 90 degrees out of phase 1 zero pulse
Digital Inputs		
Input voltage range		±30 V
Galvanic isolation		no
“0” signal		- 30 V to +5 V
“1” signal		13 V to 30 V
Permissible zero signal current at “0” signal		1.5 mA
Typ. input current at 24 V		7.3 mA
Digital Outputs		
Output voltage range		20 V to 30 V
Galvanic isolation		no
Max. output current at “1” signal		100 mA
Short-circuit protector		short-circuit proof output
Cable length shielded	max.	100 m (330 ft.)
Supply Voltage		
Logic voltage from 24-V ext. supply produced with switched-mode power supply		4.7 V to 5.5 V
Current consumption from 24-V supply without outputs and 24-V sensor	typ.	180 mA