



Figure similar

SIMATIC S7-300, FM 352 ELECTRON. CAM-OPERATED  
CONTROL INCL. CONFIG. PACKAGE ON CD

### Supply voltage

Rated value (DC)

- 24 V DC

Yes

### Input current

from load voltage L+ (without load), max.

200 mA

from backplane bus 5 V DC, max.

100 mA

### Encoder supply

5 V encoder supply

- 5 V
- Output current, max.
- Cable length, max.

Yes

300 mA

32 m

24 V encoder supply

- 24 V
- Output current, max.
- Cable length, max.

Yes

300 mA

100 m

### Digital inputs

Number of digital inputs

4

Functions

Reference point switch, set floating actual value/length measurement, brake release, enable track output no. 3

Input voltage

- Rated value (DC)
- for signal "0"
- for signal "1"

24 V

-30 to +5V

+11 to +30V

Input current

for 2-wire sensor	
— for signal "0", typ.	2 mA
— for signal "1", typ.	7 mA

### Digital outputs

Number of digital outputs	13
Functions	Cam track
short-circuit protection	Yes

### Output voltage

• Rated value (DC)	24 V
• for signal "1", min.	UP - 0.8 V

### Output current

• for signal "1" permissible range for 0 to 60 °C, min.	5 mA; with UPmax
• for signal "1" permissible range for 0 to 60 °C, max.	600 mA; with UPmax
• for signal "0" residual current, max.	0.5 mA

### Encoder

#### Connectable encoders

• Incremental encoder (symmetrical)	Yes
• Incremental encoder (asymmetrical)	Yes
• Absolute encoder (SSI)	Yes
• 2-wire sensor	Yes
— Permissible quiescent current (2-wire sensor), max.	2 mA

#### Encoder signals, incremental encoder (symmetrical)

• Trace mark signals	A, notA, B, notB
• Zero mark signal	N, notN
• Input signal	5 V difference signal (phys. RS 422)
• Input frequency, max.	1 MHz

#### Encoder signals, incremental encoder (asymmetrical)

• Trace mark signals	A, B
• Zero mark signal	N
• Input voltage	24 V
• Input frequency, max.	50 kHz; 50 kHz for 25 m cable length; 25 kHz for 100 m cable length

#### Encoder signals, absolute encoder (SSI)

• Data signal	DATA, notDATA
• Clock signal	CL, notCL
• Message frame length, parameterizable	13 or 25 bit
• Clock frequency, max.	1 MHz
• Gray code	1
• Cable length, shielded, max.	320 m; at max. 125 kHz

## Galvanic isolation

### Galvanic isolation digital inputs

- Galvanic isolation digital inputs No

### Galvanic isolation digital outputs

- Galvanic isolation digital outputs No

## Degree and class of protection

### Degree of protection to EN 60529

- IP20 Yes

## Ambient conditions

### Ambient temperature in operation

- Min. 0 °C
- max. 60 °C

### Storage/transport temperature

- Min. -40 °C
- max. 70 °C

### Relative humidity

- Humidity class F Yes

## Connection method

required front connector 1x 20-pin

## Dimensions

Width	80 mm
Height	125 mm
Depth	120 mm

## Weights

Weight, approx. 550 g

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