



Figure similar

SIMATIC S7-300, cam controller, FM 352, electronic incl. configuration package on CD

Supply voltage	
Rated value (DC)	24 V
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	Yes
• Output current, max.	300 mA
• Cable length, max.	32 m
24 V encoder supply	
• 24 V	Yes
• Output current, max.	300 mA
• Cable length, max.	100 m
Power loss	
Power loss, typ.	8.1 W
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)	24 V
• for signal "0"	-30 to +5 V
• for signal "1"	+11 to +30V
Input current	
• for signal "0", max. (permissible quiescent current)	2 mA
• for signal "1", typ.	9 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	
<ul style="list-style-type: none"> • Incremental encoder (symmetrical) • Incremental encoder (asymmetrical) • Absolute encoder (SSI) • 2-wire sensor <ul style="list-style-type: none"> — permissible quiescent current (2-wire sensor), max. 	<ul style="list-style-type: none"> Yes Yes Yes Yes 2 mA
Encoder signals, incremental encoder (symmetrical)	
<ul style="list-style-type: none"> • Trace mark signals • Zero mark signal • Input voltage • Input frequency, max. 	<ul style="list-style-type: none"> A, notA, B, notB N, notN 5 V difference signal (phys. RS 422) 1 MHz
Encoder signals, incremental encoder (asymmetrical)	
<ul style="list-style-type: none"> • Trace mark signals • Zero mark signal • Input voltage • Input frequency, max. 	<ul style="list-style-type: none"> A, B N 24 V 50 kHz; 50 kHz for 25 m cable length; 25 kHz for 100 m cable length
Encoder signals, absolute encoder (SSI)	
<ul style="list-style-type: none"> • Data signal • Clock signal • Telegram length, parameterizable • Clock frequency, max. • Gray code • Cable length, shielded, max. 	<ul style="list-style-type: none"> DATA, notDATA CL, notCL 13 or 25 bit 1 MHz Yes 320 m; at max. 125 kHz
Potential separation	
Potential separation digital inputs	
<ul style="list-style-type: none"> • Potential separation digital inputs 	No
Potential separation digital outputs	
<ul style="list-style-type: none"> • Potential separation digital outputs 	No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	<ul style="list-style-type: none"> 0 °C 60 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	<ul style="list-style-type: none"> -40 °C 70 °C
connection method / header	
required front connector	1x 20-pin
Dimensions	
Width	80 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	550 g
last modified:	1/16/2021 