



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

<ul style="list-style-type: none"> <li>• for signal "1" permissible range for 0 to 60 °C, max.</li> <li>• for signal "0" residual current, max.</li> </ul>	600 mA; with UPmax 0.5 mA
<b>Encoder</b>	
Connectable encoders	
<ul style="list-style-type: none"> <li>• Incremental encoder (symmetrical)</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Incremental encoder (asymmetrical)</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Absolute encoder (SSI)</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• 2-wire sensor</li> </ul>	Yes
— permissible quiescent current (2-wire sensor), max.	2 mA
Encoder signals, incremental encoder (symmetrical)	
<ul style="list-style-type: none"> <li>• Trace mark signals</li> </ul>	A, notA, B, notB
<ul style="list-style-type: none"> <li>• Zero mark signal</li> </ul>	N, notN
<ul style="list-style-type: none"> <li>• Input voltage</li> </ul>	5 V difference signal (phys. RS 422)
<ul style="list-style-type: none"> <li>• Input frequency, max.</li> </ul>	1 MHz
Encoder signals, incremental encoder (asymmetrical)	
<ul style="list-style-type: none"> <li>• Trace mark signals</li> </ul>	A, B
<ul style="list-style-type: none"> <li>• Zero mark signal</li> </ul>	N
<ul style="list-style-type: none"> <li>• Input frequency, max.</li> </ul>	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"> <li>• Data signal</li> </ul>	DATA, notDATA
<ul style="list-style-type: none"> <li>• Clock signal</li> </ul>	CL, notCL
<ul style="list-style-type: none"> <li>• Telegram length, parameterizable</li> </ul>	13 or 25 bit
<ul style="list-style-type: none"> <li>• Clock frequency, max.</li> </ul>	1 MHz
<ul style="list-style-type: none"> <li>• Gray code</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Cable length, shielded, max.</li> </ul>	320 m; at max. 125 kHz
<b>Potential separation</b>	
Potential separation digital inputs	
<ul style="list-style-type: none"> <li>• Potential separation digital inputs</li> </ul>	No
Potential separation digital outputs	
<ul style="list-style-type: none"> <li>• Potential separation digital outputs</li> </ul>	No
<b>Ambient conditions</b>	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	0 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	60 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>• min.</li> </ul>	-40 °C
<ul style="list-style-type: none"> <li>• max.</li> </ul>	70 °C
<b>Connection method</b>	
required front connector	1x 20-pin
<b>Dimensions</b>	
Width	80 mm
Height	125 mm
Depth	120 mm
<b>Weights</b>	
Weight, approx.	550 g
<b>last modified:</b>	1/16/2021 