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Data sheet 6ES7134-4GB62-0AB0



Figure similar

*** Spare part *** SIMATIC DP, Electronics module ET 200S: 2AI High Speed I-4WIRE 4-20 mA; 16 bit, 15 mm width, for 4-wire transmitter, Cycle time of module: 0.1 ms, with SF LED (group fault)

General information	
Product function	
● Isochronous mode	Yes
Supply voltage	
Load voltage L+	
● Rated value (DC)	24 V
● Short-circuit protection	Yes
● Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	80 mA; without load
from backplane bus 3.3 V DC, max.	10 mA
Output voltage	
Power supply to the transmitters	
● present	Yes
● short-circuit proof	Yes
Encoder supply	
Number of outputs	2
Type of output voltage	24 V
Short-circuit protection	Yes
Output current	
● Rated value	80 mA; Per channel
● permissible range, lower limit	0 mA
● permissible range, upper limit	90 mA
Power loss	
Power loss, typ.	1.9 W
Address area	
Address space per module	
● Address space per module, max.	4 byte
Analog inputs	
Number of analog inputs	2
permissible input current for current input (destruction limit), max.	30 mA
Cycle time (all channels) max.	250 µs
Input ranges (rated values), currents	
● 0 to 20 mA	Yes
— Input resistance (0 to 20 mA)	106 Ω
● -20 mA to +20 mA	Yes
● 4 mA to 20 mA	Yes

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Cable length	
● shielded, max.	200 m
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
● Resolution with overrange (bit including sign), max.	16 bit
Smoothing of measured values	
● parameterizable	Yes
● Step: None	Yes; 1x cycle time
● Step: low	Yes; 4x cycle time
● Step: Medium	Yes; 16x cycle time
● Step: High	Yes; 32x cycle time
Encoder	
Connection of signal encoders	
● for current measurement as 2-wire transducer	No
Errors/accuracies	
Operational error limit in overall temperature range	
● Current, relative to input range, (+/-)	0.3 %
Basic error limit (operational limit at 25 °C)	
● Current, relative to input range, (+/-)	0.2 %
Interrupts/diagnostics/status information	
Alarms	
● Hardware interrupt	Yes
Diagnoses	
● Diagnostic information readable	Yes
● Wire break	Yes; Measuring range 4 to 20 mA only
● Group error	Yes
● Overflow/Underflow	Yes
Diagnostics indication LED	
● Group error SF (red)	Yes
Potential separation	
Potential separation analog inputs	
● between the channels	No
● between the channels and backplane bus	Yes
● Between the channels and load voltage L+	Yes
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	45 g
Classifications	

	Version	Classification
eClass	16	27-24-26-01
eClass	14	27-24-26-01
eClass	12	27-24-26-01
eClass	9.1	27-24-26-01
eClass	9	27-24-26-01
eClass	8	27-24-26-01
eClass	7.1	27-24-26-01
eClass	6	27-24-26-01
ETIM	10	EC001596
ETIM	9	EC001596
ETIM	8	EC001596
ETIM	7	EC001596
IDEA	4	3562
UNSPSC	15	32-15-17-05

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Approvals / Certificates

General Product Approval

Miscellaneous | Manufacturer Declaration | Metrological Approval

General Product Approval

RCM | EAC | China RoHS

EMV

RCM

For use in hazardous locations

FM | Miscellaneous

For use in hazardous locations

CCC-Ex

Maritime application

NK / Nippon Kaiji Kyokai | CCS (China Classification Society) | KR (Korean Register of Shipping)

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