



## Tehničke karakteristike

Physical Features CTH2 231-0HC32	
Dimension (W×H×D )	71.3×96×62mm
LED indicator	24V Power supply Good: ON = no fault, OFF = no power
Power Consumption	
+5VDC power loss	87mA
L+	17mA
L+Coil voltage range	20.4~28.8VDC
Power Consumption	2W
Analog input features	
Input number	4
Isolated(field side to logical circuit)	Optical isolation: 500VAC, 1 minute
Input type	differential input
Voltage range	
Voltage input ( unipolarity)	0~10V, 0~5V
Voltage input ( bipolarity)	±5V, ±2.5V
Current input	0~20mA
Data format	
Unipolarity, full scale	0~32000
Bipolarity, full scale	-32000~32000
Resolution ratio input	
Voltage input ( unipolarity)	2.5mV (0~10V) ; 1.25mV (0~5V)
Voltage input ( bipolarity)	2.5mV (±5V) ; 1.25mV (±2.5V)
Current input	5μA (0~20mA)
Transfer time	Less than 300μs
Analog input response time	1.5ms

Common mode rejection	40dB, DC 60Hz
Common mode voltage	voltage of sensor signal+common mode voltage (less than or equal to 12V)
Input impedance	No less than 10M $\Omega$
Max.voltage input	30V
Max.current input	30mA
<b>Physical Features CTH2 231-0HF32</b>	
Dimension (W×H×D)	71.3 × 96 × 62mm
LED indicator	24V Power supply Good: ON = no fault, OFF = no power
<b>Power Consumption</b>	
+5VDC power loss	87mA
L+	50mA
L+Coil voltage range	20.4~28.8VDC
Power Consumption	2.5W
<b>Analog input features</b>	
Input number	8
Isolated(field side to logical circuit)	Optical isolation
Input type	differential input
<b>Voltage range</b>	
Voltage input ( unipolarity)	0~10V, 0~5V
Voltage input ( bipolarity)	±2.5V (channel 0~7)
Current	0~20mA (channel 6~7)
<b>Data format</b>	
Unipolarity, full scale	0~32000
Bipolarity, full scale	-32000~32000
<b>Resolution ratio input</b>	
Voltage input ( unipolarity)	2.5mV (0~10V) ; 1.25mV (0~5V)
Voltage input ( bipolarity)	2.5mV (±5V) ; 1.25mV (±2.5V)
Analog to digital conversion time	10ms
Eight channel switching time	100ms
Common mode rejection	40dB, DC - 60Hz
Common mode voltage	-12V≤voltage of sensor signal+Common mode voltage≤+12V
Input impedance	voltage: ≥2M $\Omega$ current: 250 $\Omega$

Max. voltage input	30VDC
Max. current input	32mA
A/D conversion resolution	unipolarity: 12bit; bipolarity: 11bit+sign bit
measurement error	0.5% (max)
Isolation ( Isolated(field side to logical circuit) )	500V AC
Analog input addressing	AIW addressing

## Dimenzije

型号			
CTH2 221-1BH32	CTH2 231-7PD32		
CTH2 222-1BH32	CTH2 231-7PF32		
CTH2 222-1HH32	CTH2 231-7TF32		
CTH2 223-1BH32	CTH2 231-7TD32		
CTH2 223-1PH32	CTH2 231-7ND32		
CTH2 231-0HC32	CTH2 231-7NF32		
CTH2 235-0KD32	CTH2 231-7WA32		
CTH2 231-0HF32	CTH2 232-0HD32		
CTH2 231-7HB32	CTH2 277-0AA32		
CTH2 231-7HC32	CTH2 277-0AB32		
CTH2 231-7PB32	CTH2 253-1BH32		
CTH2 231-7PC32			

# Šema spajanja

