1.9 Analog to digital mode, definizioni modo acquisizione ingressi analogici

Le definizioni modo di acquisizione degli ingressi analogici si possono trovare nella cartella ***Analog to digital mode***.

Define	Type	Value	PCB099 PCB122	PCB126	Description
AD_IDLE	USINT	0	●	●	Idle mode
AD_CURR_0_20_COMMON	USINT	3	●	●	Current from 0 to 20 mA (Common mode)
AD_CURR_0_20_DIFFER	USINT	6	●	●	Current from 0 to 20 mA (Differential mode)
AD_CURR_4_20_COMMON	USINT	4	●	●	Current from 4 to 20 mA (Common mode)
AD_CURR_4_20_DIFFER	USINT	13	●	●	Current from 4 to 20 mA (Differential mode)
AD_NI1000_DIFFER	USINT	12		●	Ni1000 sensor Celsius degree (Differential mode)
AD_NI1000_DIN_43760	USINT	48		●	Ni1000 DIN_43760 standard Celsius degree
AD_PT100_AMERICAN	USINT	33		●	Pt100 American standard Celsius degree
AD_PT100_DIFFER	USINT	10	●	●	Pt100 sensor Celsius degree (Differential mode)
AD_PT100_DIN_43760	USINT	32	●	●	Pt100 DIN_43760 standard Celsius degree
AD_PT100_IEC_60751	USINT	35		●	Pt100 IEC-60751 standard Celsius degree
AD_PT100_ITS_90	USINT	34		●	Pt100 ITS-90 standard Celsius degree
AD_PT1000_AMERICAN	USINT	41		●	Pt1000 American standard Celsius degree
AD_PT1000_DIFFER	USINT	11	●	●	Pt1000 sensor Celsius degree (Differential mode)
AD_PT1000_DIN_43760	USINT	40	●	●	Pt1000 DIN_43760 standard Celsius degree
AD_PT1000_IEC_60751	USINT	43		●	Pt1000 IEC-60751 standard Celsius degree
AD_PT1000_ITS_90	USINT	42		●	Pt1000 ITS-90 standard Celsius degree
AD_RESISTOR_300_OHM	USINT	110	●	●	Resistor up to 300 Ohm
AD_RESISTOR_5000_OHM	USINT	111		●	Resistor up to 5000 Ohm
AD_THERMOCOUPLE_B	USINT	64		●	Thermocouple B type Celsius degree
AD_THERMOCOUPLE_E	USINT	65		●	Thermocouple E type Celsius degree
AD_THERMOCOUPLE_J	USINT	66		●	Thermocouple J type Celsius degree
AD_THERMOCOUPLE_K	USINT	67		●	Thermocouple K type Celsius degree
AD_THERMOCOUPLE_N	USINT	68		●	Thermocouple N type Celsius degree
AD_THERMOCOUPLE_R	USINT	69		●	Thermocouple R type Celsius degree
AD_THERMOCOUPLE_S	USINT	70		●	Thermocouple S type Celsius degree
AD_THERMOCOUPLE_T	USINT	71		●	Thermocouple T type Celsius degree
AD_VIN_VREF_G_1	USINT	90		●	Voltage in/Voltage reference with gain 1
AD_VIN_VREF_G_128	USINT	97		●	Voltage in/Voltage reference with gain 128
AD_VIN_VREF_G_16	USINT	94		●	Voltage in/Voltage reference with gain 16
AD_VIN_VREF_G_2	USINT	91		●	Voltage in/Voltage reference with gain 2
AD_VIN_VREF_G_32	USINT	95		●	Voltage in/Voltage reference with gain 32
AD_VIN_VREF_G_4	USINT	92		●	Voltage in/Voltage reference with gain 4
AD_VIN_VREF_G_64	USINT	96		●	Voltage in/Voltage reference with gain 64
AD_VIN_VREF_G_8	USINT	93		●	Voltage in/Voltage reference with gain 8
AD_VOLT_0_1_COMMON	USINT	5	●	●	Voltage from 0 to 1 V (Common mode)
AD_VOLT_0_1_DIFFER	USINT	7	●	●	Voltage from 0 to 1 V (Differential mode)
AD_VOLT_0_10_COMMON	USINT	2	●	●	Voltage from 0 to 10 V (Common mode)
AD_VOLT_0_10_DIFFER	USINT	9	●	●	Voltage from 0 to 10 V (Differential mode)
AD_VOLT_0_125_COMMON	USINT	1	●	●	Voltage from 0 to 1.25 V (Common mode)
AD_VOLT_0_125_DIFFER	USINT	8	●	●	Voltage from 0 to 1.25 V (Differential mode)

1.10 Digital to analog mode, definizioni modo gestione uscite analogiche

Le definizioni modo di gestione uscite analogiche si possono trovare nella cartella ***Digital to analog mode***.

Define	Type	Value	PCB099 PCB122	PCB126	Description
DA_CURR_0_20	USINT	5		●	Current from 0 to 20 mA
DA_CURR_4_20	USINT	6		●	Current from 4 to 20 mA
DA_VOLT_0_10	USINT	1	●	●	Voltage from 0 to 10 V
DA_VOLT_0_5	USINT	2		●	Voltage from 0 to 5 V
DA_VOLT_M10_10	USINT	3		●	Voltage from -10 to +10 V
DA_VOLT_M5_5	USINT	4		●	Voltage from -5 to +5 V

1.11 Spy mode, definizioni modo spionaggio dati

Le definizioni modo di spionaggio dati si possono trovare nella cartella ***Spy mode definition***.

Define	Type	Value	Description
SPY_ASCII	USINT	1	Ascii mode (Example: 12:26:52(0000)|Tx|Messaggio 2)
SPY_ASCHEX	USINT	10	Extended ascii mode (Example: 12:28:47(0000)|Tx|M=000 [0D] [0A])
SPY_BINARY	USINT	100	Binary mode (Example: 12:26:52(0003)|Tx|00 00 00 00 00 00 00 00)