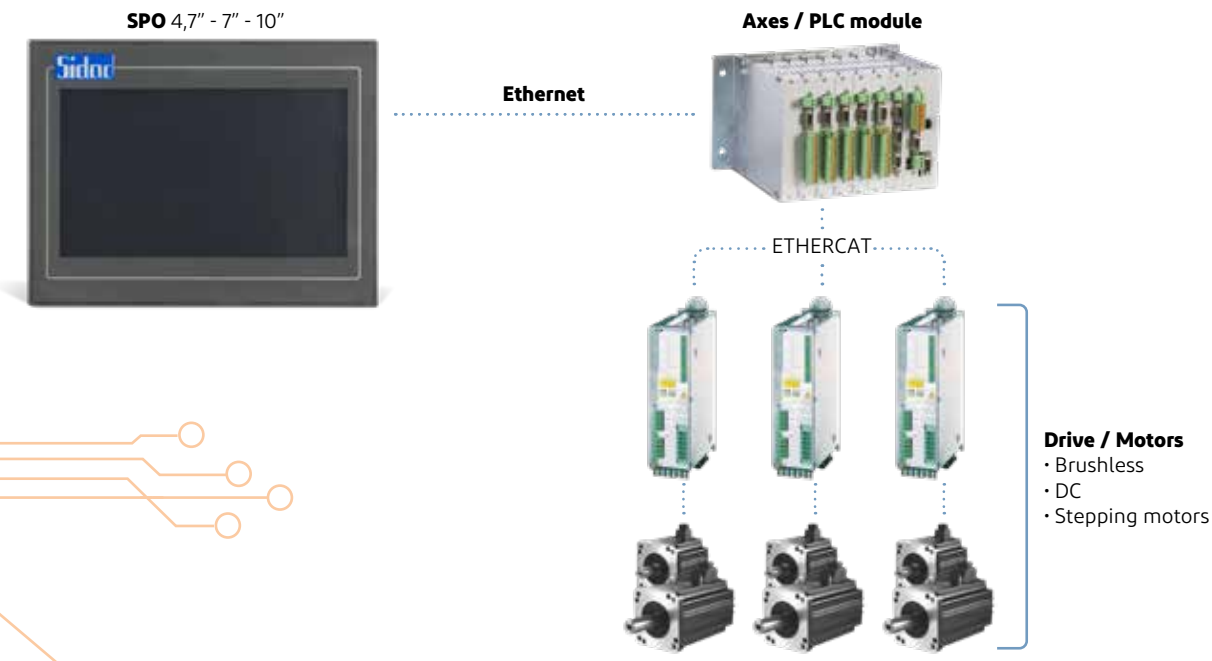


**spo**

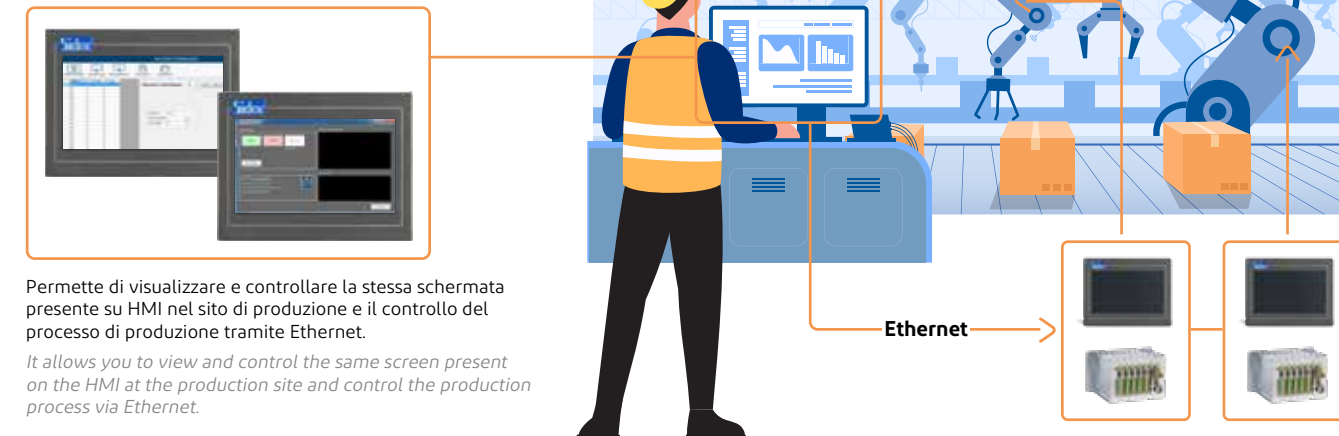
## CONNESSIONE CON CNC SIDAC TRAMITE MODBUS RTU

MODBUS RTU CONNECTION WITH OUR CNC FAMILY PRODUCTS



## INDUSTRY 4.0

ASSISTENZA E CONTROLLO REMOTO  
REMOTE ASSISTANCE



Permette di visualizzare e controllare la stessa schermata presente su HMI nel sito di produzione e il controllo del processo di produzione tramite Ethernet.

*It allows you to view and control the same screen present on the HMI at the production site and control the production process via Ethernet.*

## APPLICAZIONI

Per le sue caratteristiche di alta versatilità e potenzialità, la famiglia dei Pannelli Touch si presta a qualsiasi applicazione, sia nel mondo della macchina utensile tradizionale e speciale, sia nel mondo della robotica, del montaggio, dell'automazione su misura.

### ESEMPI DI APPLICAZIONI:

- rettifiche di piani; per interni ed esterni; speciali
- fresatrici
- affilatrici
- foratrici
- punzonatrici
- stozzatrici
- curvatubi
- presse
- manipolatori per controlli non distruttivi
- tavole x-y
- robot cartesiani 3 assi
- robot di montaggio
- macchine speciali

## APPLICATIONS

*Due to its high versatility and potentiality features, the SIDAC INDUSTRIAL TOUCH PANEL range is suitable for any applications – conventional / special machine tools field, robotics world, assembling jobs, customized automation.*

### EXAMPLES OF EXISTING APPLICATIONS:

- external, internal, surface or special grinding machines
- milling machines
- sharpening machines
- drilling machines
- punching machines
- slotting machines
- pipe-bending machines
- sheet-presses
- handling systems for non-destructive testing
- x-y tables
- cartesian 3-axis robots
- assembling robots
- special machines

Le caratteristiche tecniche ed i dati esposti nel presente opuscolo possono essere suscettibili di variazioni da parte della SIDA CNC, senza obbligo di preavviso.

**Sidac**  
SISTEMI DI AUTOMAZIONE COMPUTERIZZATI

### Sidac cnc srl

Via Acquedotto, 111 - 21017  
Verghera di Samarate (VA)

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F. +39.0331.223078

email: [info@sidaccnc.it](mailto:info@sidaccnc.it)

[www.sidaccnc.it](http://www.sidaccnc.it)

*An important presence in the field of high-tech automation. Continuous investments in software, hardware and design confirm this tendency and aim.*



**spo**

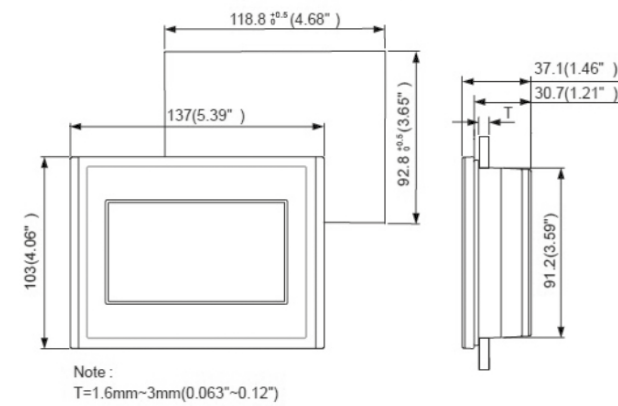
SIDAC PANNELLI INDUSTRIALI TOUCH  
INDUSTRIAL TOUCH PANEL

**Sidac**  
SISTEMI DI AUTOMAZIONE COMPUTERIZZATI

# spo | 4.7

PANNELLO OPERATORE SIDAC 4.7"

SIDAC 4.7" TFT LCD



## CARATTERISTICHE HARDWARE / HARDWARE SPECIFICATION

MODEL	SPO 4.7	
	VERSIONE CON RETE EHERNET	VERSIONE SENZA RETE EHERNET
LCD MODULE	DISPLAY	
	4.3" TFT LCD	
	COLOR	
	65,536	
	RESOLUTION (PIXELS)	
	480 x 272	
	BACK LIGHT	
LED BACK LIGHT		
BACK LIGHT BRIGHTNESS (cd/m) <sup>2</sup>		
400		
BACK LIGHT LIFE (HOUR)		
10.000		
20.000		
DISPLAY AREA		
95.04 x 53.856 mm		
MCU		
ARM CORTEX-A8 (800MHZ)		
FLASH ROM (BYTES)		
256 MB		
RAM (BYTES)		
512MB		
256		
TOUCH PANEL		
FOUR-WIRE RESISTOR, OVER >10.000.000 PRESSING TIMES		
BUZZER		
MULTI-TONE FREQUENCY (2K-4K Hz)/80dB		
ETHERNET INTERFACE		
1 PORT*2, 10/100 Mbps AUTO-SENSING		
N/A		
USB		
1 USB SLAVE VER 2.0/ 1 USB HOST VER 2.0		
SD		
N/A		
SERIAL COM PORT	COM1	
	RS-232 (support hw flow control) / RS-485 <sup>2</sup>	
	RS-232 (support hw flow control) <sup>2</sup>	
COM2		
RS-422/ RS-485 <sup>2</sup>		
COM3		
N/A		
RTC		
BUILT-IN		
COOLING		
NATURAL AIR CIRCULATION		
CERTIFICATION		
CE/ UL		
CE/ UL (please equip shielding cables and linefilters with capacity of 300ohm/ 100MHZ)		
WATERPROOF		
IP65/NEMA4/UL TYPE 4X (indoor use only)		
OPERATION VOLTAGE <sup>3</sup>		
DC +24V (-15%~15%)		
DC +24V (-15%~15%) (please equip isolated-type power supplies) SUPPLIED BU CLASS 2 OR SELV CIRCUIT (isolated from mains by double insulation)		
VOLTAGE ENDURANCE		
A599V FOR 1 MINUTE		
A500V FOR 1 MINUTE		
POWER CONSUMPTION		
MAX 5.8W <sup>3</sup>		
MAX 5.67W <sup>3</sup>		
BACKUP BATTERY		
3V LITHIUM BATTERY CR2032 x 1		
BACKUP BATTERY LIFE		
3 YEARS C.CA		
VIBRATION		
IEC61131-2 COMPLIANT 15G PEAK FOR 11ms DURATION: 3.5mm, 8.3Hz~150Hz=CONTINUOUS: 1.0G		
SHOCK		
IEC 60068-2-27 compliant 15g peak for 11ms duration, X, Y, Z, directions for 6 times		
DIMENSION (W) x (H) x (D) mm		
137 x 103 x 37.1		
MOUNTING DIMENSION (W) x (H) mm		
118.8 x 92.8		
WEIGHT		
280G		

2) Built-in power isolation 3) An isolated power supply is recommended.

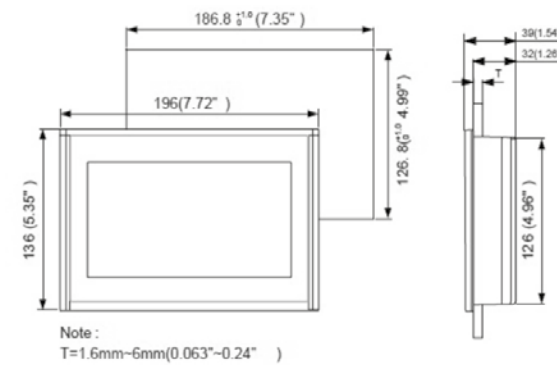
# spo | 7

PANNELLO OPERATORE SIDAC 7"

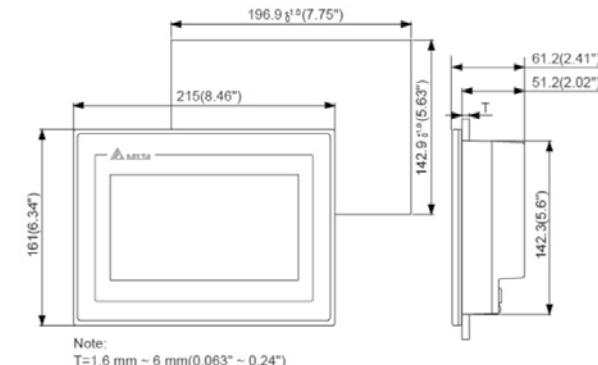
SIDAC 7" TFT LCD



VERSIONE CON RETE EHERNET / EHERNET TYPE



VERSIONE SENZA RETE EHERNETT / GENERAL TYPE



## CARATTERISTICHE HARDWARE / HARDWARE SPECIFICATION

MODEL	SPO 7	
	VERSIONE CON RETE EHERNET	VERSIONE SENZA RETE EHERNET
LCD MODULE	DISPLAY	
	7" TFT LCD	
	COLOR	
	65,536	
	RESOLUTION (PIXELS)	
	800 x 480	
	BACK LIGHT	
LED BACK LIGHT		
BACK LIGHT BRIGHTNESS (cd/m) <sup>2</sup>		
450		
400		
BACK LIGHT LIFE (HOUR)		
20.000		
20.000		
DISPLAY AREA		
154.08 x 85.92 mm		
MCU		
ARM CORTEX-A8 (800MHZ)		
FLASH ROM (BYTES)		
256 MB		
RAM (BYTES)		
512MB		
256MB		
TOUCH PANEL		
FOUR-WIRE RESISTOR, OVER >10.000.000 PRESSING TIMES		
BUZZER		
MULTI-TONE FREQUENCY (2K-4K Hz)/80dB		
ETHERNET INTERFACE		
1 PORT*2, 10/100 Mbps AUTO-SENSING		
N/A		
USB		
1 USB SLAVE VER 2.0/ 1 USB HOST VER 2.0		
SD		
N/A		
SERIAL COM PORT	COM1	
	RS-232 (support HW flow control) <sup>2</sup>	
	RS-232 (support HW flow control) <sup>2</sup>	
COM2		
RS-232 (SUPPORT HW FLOW CONTROL)/ RS-485 <sup>2</sup>		
COM3		
RS-422/RS-485 <sup>2</sup>		
RTC		
BUILT-IN		
COOLING		
NATURAL AIR CIRCULATION		
CERTIFICATION		
CE/ UL		
CE/ UL (please equip shielding cables and linefilters with capacity of 300ohm/ 100MHZ)		
WATERPROOF		
IP65/NEMA4/UL TYPE 4X (indoor use only)		
OPERATION VOLTAGE <sup>3</sup>		
DC +24V (-15%~15%)		
DC +24V (-15%~15%) (please equip isolated-type power supplies) SUPPLIED BU CLASS 2 OR SELV CIRCUIT (isolated from mains by double insulation)		
VOLTAGE ENDURANCE		
A599V FOR 1 MINUTE		
A500V FOR 1 MINUTE		
POWER CONSUMPTION		
MAX 5.8W <sup>3</sup>		
MAX 5.67W <sup>3</sup>		
BACKUP BATTERY		
3V LITHIUM BATTERY CR2032 x 1		
BACKUP BATTERY LIFE		
3 YEARS C.CA		
VIBRATION		
IEC61131-2 COMPLIANT 15G PEAK FOR 11ms DURATION: 3.5mm, 8.3Hz~150Hz=CONTINUOUS: 1.0G		
SHOCK		
IEC 60068-2-27 compliant 15g peak for 11ms duration, X, Y, Z, directions for 6 times		
DIMENSION (W) x (H) x (D) mm		
196 x 136 x 39		
215 x 161 x 61.2		
MOUNTING DIMENSION (W) x (H) mm		
186.8 x 126		
196.9 x 142.9		
WEIGHT		
560G		
970G		

2) Built-in power isolation 3) An isolated power supply is recommended.

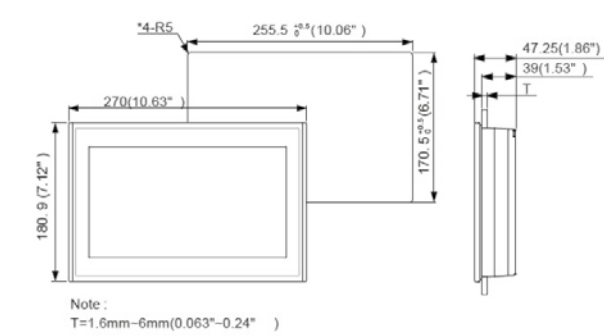
# spo | 10

PANNELLO OPERATORE SIDAC 10"

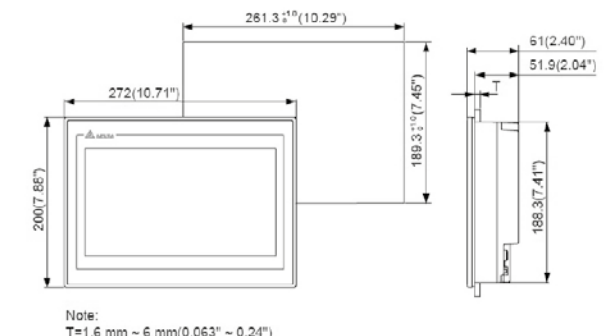
SIDAC 10" TFT LCD



VERSIONE CON RETE EHERNET / EHERNET TYPE



VERSIONE SENZA RETE EHERNETT / GENERAL TYPE



## CARATTERISTICHE HARDWARE / HARDWARE SPECIFICATION

MODEL	SPO 10	
	VERSIONE CON RETE EHERNET	VERSIONE SENZA RETE EHERNET
LCD MODULE	DISPLAY	
	10" TFT LCD	
	COLOR	
	65,536	
	RESOLUTION (PIXELS)	
	1024 x 600	
	BACK LIGHT	
LED BACK LIGHT		
BACK LIGHT BRIGHTNESS (cd/m) <sup>2</sup>		
450		
300		
BACK LIGHT LIFE (HOUR)		
30.000		
20.000		
DISPLAY AREA		
225.52 x 128.10 mm		
MCU		
ARM CORTEX-A8 (800MHZ)		
FLASH ROM (BYTES)		
256 MB		
RAM (BYTES)		
512MB		
256MB		
TOUCH PANEL		
FOUR-WIRE RESISTOR, OVER >10.000.000 PRESSING TIMES		
BUZZER		
MULTI-TONE FREQUENCY (2K-4K Hz)/80dB		
ETHERNET INTERFACE		
1 PORT*2, 10/100 Mbps AUTO-SENSING		
N/A		
USB		
1 USB SLAVE VER 2.0/ 1 USB HOST VER 2.0		
SD		
N/A		
SERIAL COM PORT	COM1	
	RS-232 (support hw flow control)	
	RS-232 (support hw flow control) <sup>2</sup>	
COM2		
RS-232 (support hw flow control)/ RS-485 <sup>2</sup>		
COM3		
RS-422/RS-485 <sup>2</sup>		
RTC		
BUILT-IN		
COOLING		
NATURAL AIR CIRCULATION		
CERTIFICATION		
CE/ UL		
CE/ UL (please equip shielding cables and linefilters with capacity of 300ohm/ 100MHZ)		
WATERPROOF		
IP65/NEMA4/UL TYPE 4X (indoor use only)		
OPERATION VOLTAGE <sup>3</sup>		
DC +24V (-15%~15%)		
DC +24V (-15%~15%) (please equip isolated-type power supplies) SUPPLIED BU CLASS 2 OR SELV CIRCUIT (isolated from mains by double insulation)		
VOLTAGE ENDURANCE		
A599V FOR 1 MINUTE		
A500V FOR 1 MINUTE		
POWER CONSUMPTION		
MAX 5.8W <sup>3</sup>		
MAX 5.67W <sup>3</sup>		
BACKUP BATTERY		
3V LITHIUM BATTERY CR2032 x 1		
BACKUP BATTERY LIFE		
3 YEARS C.CA		
VIBRATION		
IEC61131-2 COMPLIANT 15G PEAK FOR 11ms DURATION: 3.5mm, 8.3Hz~150Hz=CONTINUOUS: 1.0G		
SHOCK		
IEC 60068-2-27 compliant 15g peak for 11ms duration, X, Y, Z, directions for 6 times		
DIMENSION (W) x (H) x (D) mm		
270 x 180 x 47.75		
272 x 200 x 61.2		
MOUNTING DIMENSION (W) x (H) mm		
255 x 170.5		
261.3 x 189.3		
WEIGHT		
1.100G		
1.330G		

2) Built-in power isolation 3) An isolated power supply is recommended.