

M32

Hardware

MPU

- 2 Linee CAN-OPEN.
- 2 Porte Ethernet – Protocollo Ethercat e Profinet.
- 1 Porta USB.
- 4 Linee seriali RS232 (1 configurabile RS422).
- 4 Ingressi interrupt 24Vdc.
- Memoria utente: 32 MByte RAM e 4 MByte Flash.
- Alimentazione: 15Vac oppure 24Vdc.
- Dimensioni: L 52 mm - H 230 mm - P 162 mm.

- 2 CAN-OPEN lines.
- 2 Ethernet lines – Ethercat and Profinet protocol.
- 1 USB line.
- 4 RS232 serial lines (or 3 RS232 + 1 RS422).
- 4 Interrupt input 24Vdc.
- User memory: 32 MByte RAM and 4 MByte Flash.
- Power supply: 15Vac or 24Vdc.
- Dimensions: W 52 mm - H 230 mm - D 162 mm.

EXPO1

- 3 Linee CAN-OPEN.
- 8 Uscite step/direction max 500 KHz.

- 3 CAN-OPEN lines.
- 8 Step/direction output max 500 KHz.

EXPO2

- 4 Letture encoder incrementali 5/12V Push Pull - Line Driver - 500 KHz.
- 4 Uscite analogiche 16 bit $\pm 10V$.
- 4 Ingressi analogici 16 bit 0-5V.
- 4 Letture encoder assoluti SSI.
- 4 Ingressi interrupt 24Vdc.
- 4 Uscite step/direction max 500 KHz.

- 4 Incremental encoder 5/12V - Push Pull Line Driver - 500 KHz.
- 4 Analog output 16 bit $\pm 10V$.
- 4 Analog input 16 bit 0-5V.
- 4 Serial SSI absolute encoder.
- 4 Interrupt input 24Vdc.
- 4 Step/direction output max 500 KHz.

Software

- Gestione fino a 32 assi.
- Gestione di tutti i tipi di motorizzazione.
- Interpolazione lineare, circolare, elicoidale, circolare con asse tangente, cambio piano.
- Esecuzione continua di traiettorie punto - punto.
- Rotazione piano. Retrace.
- Correzione raggio utensile.
- Gestione di 20 origini.
- Lettura di programmi da CAD/CAM (codice ISO).
- Matematica.
- Curve a "S" configurabili.
- Cicli paralleli, cicli parametrici.
- Inseguimento tra assi.
- Gestione camme.
- Interfaccia grafica programmabile.
- Test completi verso il mondo esterno.
- Teleassistenza.
- Geometria polare. Geometria SCARA.

- Up to 32 axes.
- Management of all types of drives.
- Linear, circular, helicoidal interpolation, tangent axis, plane change.
- Continuous execution of point-point trajectories.
- Plane rotation. Retrace.
- Tool compensation.
- Management of 20 origins.
- Reading of programs from CAD/CAM (ISO code).
- Mathematics.
- Configurable "S" curve.
- Parallel cycles, parametric cycles.
- Pursuit among axes.
- Electronic cams.
- Programmable graphic interface.
- Complete test for the outside world.
- Remote maintenance.
- Polar geometry. SCARA geometry.

sipro

sistemi programmabili

Numerical Control



M32

T010.4
Touch Screen 10.4"



ETHERNET / RS232

C012/15
Touch Screen 12/15"



I/O
Up To 1024 Digital
Input/Output



DSP TWIN
2 Encoder
2 Analog Output



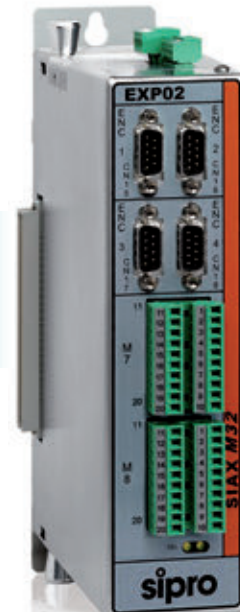
M32
2 Ethernet
1 USB
2 Can-Open



EXP01
3 Can-Open
8 Step/Direction



EXP02
4 Encoder
4 Analog Output
4 Analog Input
4 SSI Encoder
4 Step/Direction



ETHERNET / CAN-OPEN

ETHERNET / CAN-OPEN Up to 32 axes

SDD380



SDD220



TW
Integrated
Drive



BLQ46-104



BLQ23-45



Integrated and modular system
for the automation.