

# COMPACT

RELIABLE CONNECTOR TECHNOLOGY

## M23 CONNECTORS

### EASY AND SEALED SERVO MOTOR CONNECTIONS

Servo motors are often connected with compact M23 connectors. These connectors have become established as standards, rather than terminal boxes, and they are by far the most common connection system. Murrelektronik will soon offer powercables (size 1.0) and signal cables in top quality.



#### ATTRACTIVE ATTRIBUTES

- High-resistance, halogen-free and conductive PUR molding
- Easy assembly, no wiring errors and tamper-proof
- Best and permanent IP67/68 protection
- 100 % compatible with Siemens MC800+

#### TOP QUALITY CABLES

- Flame-retardant, halogen-free, resistant to oil and chemicals
- Approved acc. to VDE, CSA and UL
- Temperature range from -35 °C to +70 °C
- 5 million bending cycles
- Acceleration: 50 m/s<sup>2</sup>
- Bend radius: 7 x outer diameter
- Corresponding to MC800+

#### EVEN MORE TOP FEATURES

- 360° shielding and the ESD discharging characteristics of the molding guarantee high EMC immunity
- Weight reduced by 30 %
- Integrated corrugated tubing connection
- Murrelektronik produces in steps of 10 centimeters, from 1 piece order quantity

#### CONNECTOR TECHNOLOGY FROM MURRELEKTRONIK

Now Available For M23



## Reliable Connector Technology from Murrelektronik

Now  
Available  
For M23

### THE COMPLETE DELIVERY PROGRAM FROM A SINGLE SOURCE

To start, Murrelektronik will produce cables that connect Siemens servo controllers to Siemens motors. M23 connectors with different contact layouts will be available for the motor

side. For the servo controller side, we have power cables with precise connectors for Siemens controllers and various pre-wired or open ended wires, signal cables are equipped with Sub-D connectors. A large number of Drive Cliq connectors will also be available.

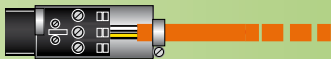
## FROM SINAMICS S120... SERVO CONTROLLERS

## ...TO SIEMENS DRIVE 1FT7, 1FK7, 1PH8

### POWER CABLES FOR SIEMENS SINAMICS S120

- The synchronous and asynchronous motors are connected to the power modules with power cables

#### CONNECTOR



#### POWER CABLE



M23,  
SIZE 1

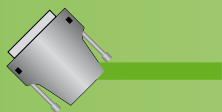
#### OPEN-ENDED WIRES



### SIGNAL CABLES FOR SINAMICS S120

- The motor encoders are connected to the modules with signal cables

#### SUB-D



#### SIGNAL CABLE



M23,  
SIZE 1

#### DRIVE CLIQ IP20



DRIVE CLIQ  
IP67

## CLEAR ARTICLE NUMBERS

Siemens part numbers are included 1:1 in the Murrelektronik numbers so it's easy to cross-reference.

#### Example:

Siemens Part No.: 6FX8002-2DC10

→ Murrelektronik Part No.: M6FX8002-2DC10