



Servo-Controller **isc2010**

EtherCAT[®]

2 x Multi encoder interface

safety STO

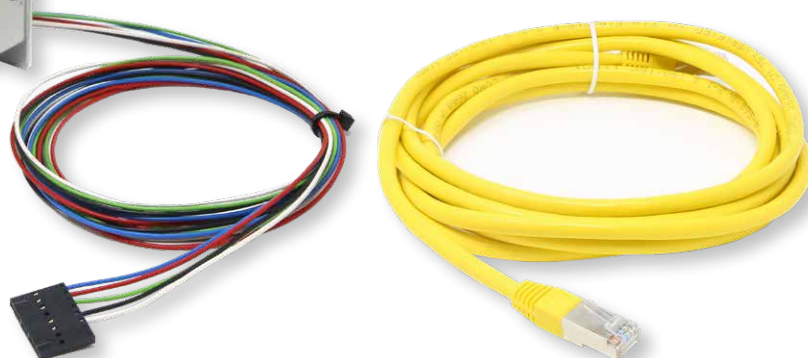


The new universal servo controller *isc2010* with dual multi-encoder interface for permanent magnet synchronous motors, torque motors and linear motors. Power range of 1.2 kW with a rated voltage of up to 100 V. Very short controller cycle times with the EtherCAT real-time bus system for highly dynamic position applications.



Technical Data

Power	30 V to 100 V (DC)
Motors	permanent magnet synchronous motors, torque motors, linear motors
Output power	1200 VA (rated) / max. 2500 VA
Output current	12 A (rated) / max. 25 A
Encoder interfaces	2 x encoder system, incremental encoder RS422, Hall, analog sinus/cosinus, 2 x absolute SSI or BiSS C
Digital I/O signals	5 inputs / 2 outputs
Setpoint value	EtherCAT (CiA402)
Interface	USB 2.0, Ethernet, EtherCAT
System protection features	overload protection, short-circuit resistance, overtemperature protection
Configurations	Software USB, Ethernet, EtherCAT
Safety functions / safety inputs	Safe Torque Off / 2 safety inputs STO1, STO2
Dimensions (L x W x H)	46 x 190 x 130 mm



isc2010

EtherCAT capable control



LES 4, 5 and 6:
EC-Servo 48V
with incremental
encoder



Axis combinations
ile20/20



itm180 torque motor
with incremental and
absolute encoders
(Biss C)



Linear motor **ild60**

Integration of other motors possible, please contact us.

Order data	Item no.
Servo-Controller isc2010 incl. connection cable	314070