Inverter Drives 8400 motec

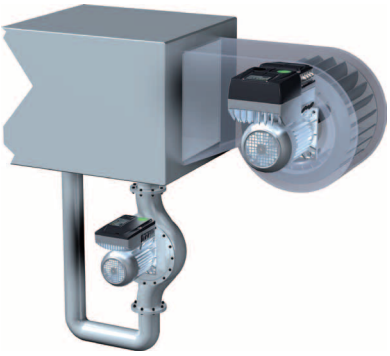
Decentralised drive technology

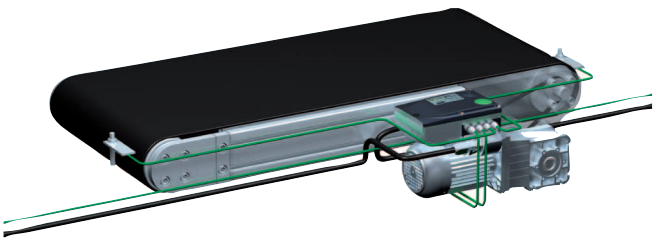
Efficiently and consistently decentralised.

The compact 8400 motec motor inverter is an attractive alternative, particularly for intralogistic applications as well as pumps and fans and guarantees a high degree of efficiency in every respect. It can be mounted either on the geared motor or on the wall and is available in a power range of 0.37 to 7.5 kW.

Highlights

- IP65 as standard
- Energy savings of up to 30% are possible in connection with the MF motor series, which is exclusively tailored to the motor inverter
- Large LED ensures that operating status is clearly visible from a distance





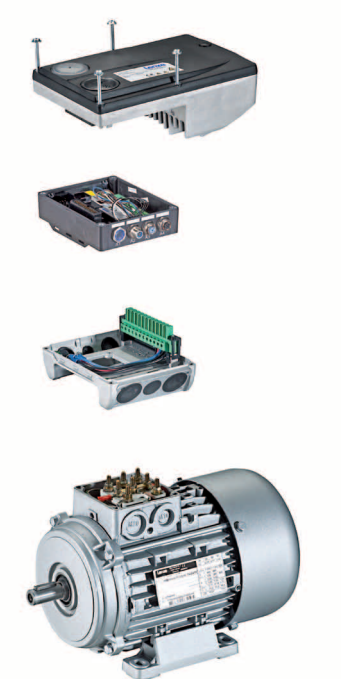
Lenze

Inverter Drives 8400 motec – at a glance

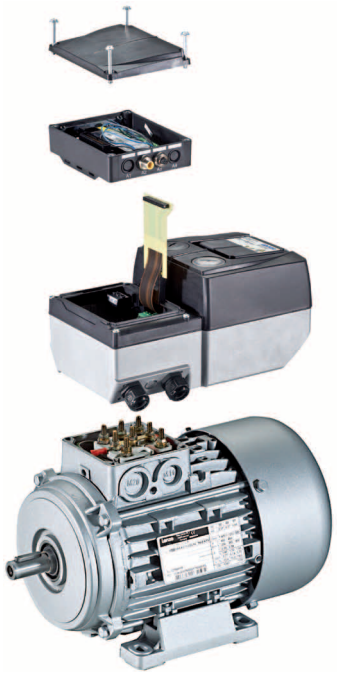
The drive unit – simple handling
- Simple commissioning via DIP switch, potentiometer or diagnosis terminal
- Easy to replace memory module
- Large LED status display – clearly visible, even under the most challenging installation conditions

The communication unit – functionality on site
- CANopen, PROFIBUS, PROFINET, EtherCAT, EtherNET/IP and AS interface
- Includes integrated STO safety technology
- I/Os on board
- Pluggable M-12 connection system for communication, safety engineering and sensor technology or via screwed connections

The wiring unit – easily accessible and simple to connect
- Flexible connection options such as cable glands and various plug connections
- Connection for brake resistor
- Spring-applied brake control



8400 motec 0.37 to 3.0 kW



8400 motec 4.0 to 7.5 kW

Functions	
	Freely assignable user menu
	Motor identification
	V/f control with/without encoder (linear or square-law)
	“VFC eco”
	Flying restart circuit
	S-ramps for smooth acceleration and deceleration
	I^2t motor monitoring
	DC injection brake
	Fixed frequencies
	Parameter change-over
	PID controller
	Integrated, wear free brake control
Properties	
	Protection against short circuits, earth faults, overvoltage, motor stalling
	Integrated interference suppression in accordance with EN 61800-3, category C2, category C1 motor mounted ≤ 1.5 kW
	Protection against restart for cyclic mains switching
	Usable in an IT system
	Safe torque off (STO), EN ISO 13849-1 (PL e), EN 61508/EN 62061 (SIL 3)
	Approvals: CE, UR, cUR, RoHS