

# Control unit FUR-S-10XL

## Characteristics



The FUR-S-10M control units are frequency inverters specially designed for the operation of vibratory feeders (up to a maximum of 6 A).

Regardless of the input frequency, they generate a highly stable frequency, which can be set step by step in the adjustable on the control panel and controls the vibration intensity (conveying capacity).

Mechanical tuning of the conveyor is largely unnecessary, as the sinusoidal output current already results in smooth running behaviour.

The control units can be operated with an input voltage of 85 to 230 volts without presetting.

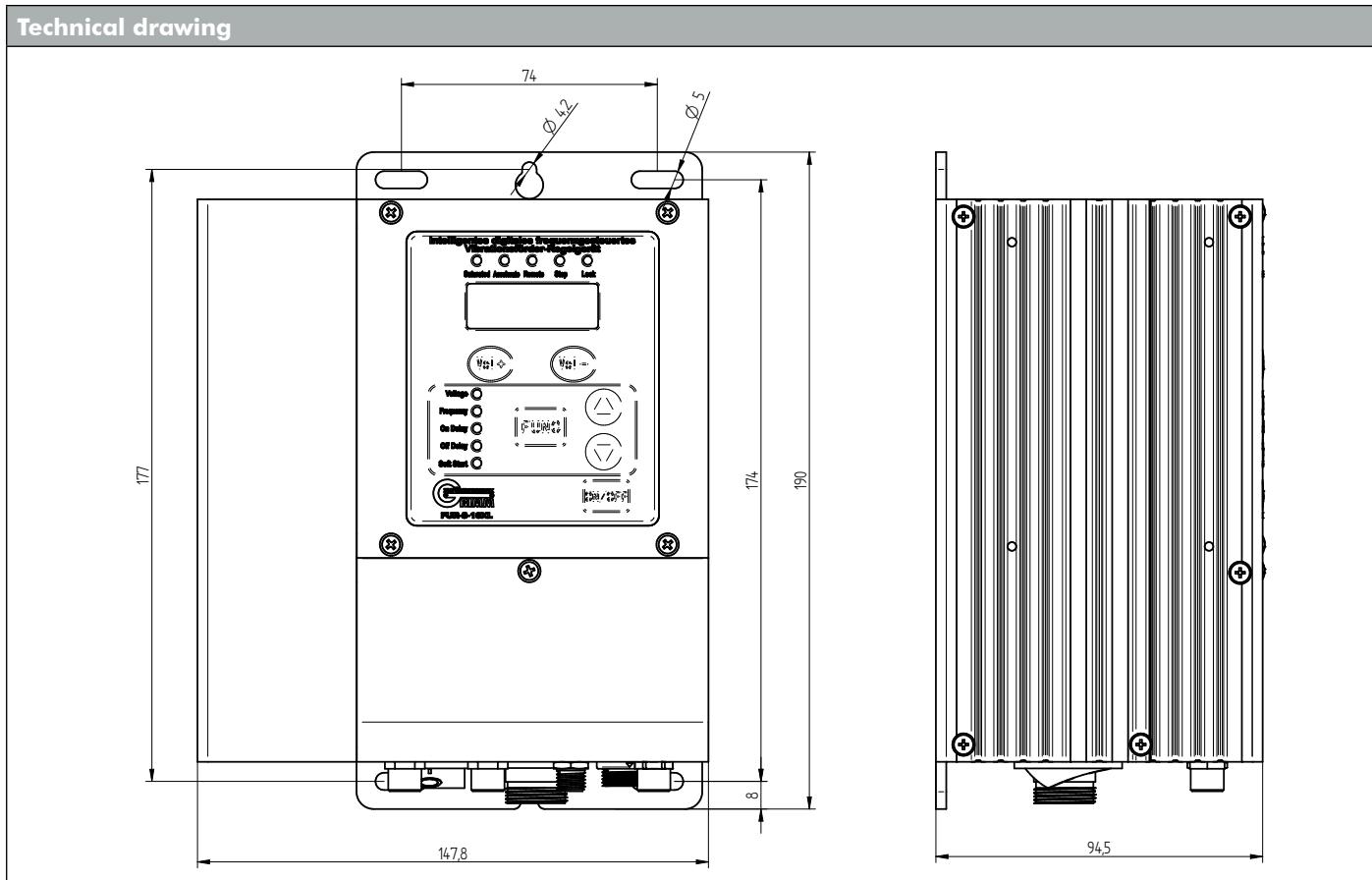
Two status input connections and one status output connection can be used for dust switching or hopper release, for example. Additional control functions can also be communicated to the control unit via a higher-level PLC.

Connectors for voltage input and voltage output as well as the main switch are also located on the underside of the device.

## Technical data

Device type	FUR-S-10XL
<b>Input voltage</b>	85 ... 230 V
<b>Input frequency</b>	45 ... 65 Hz
<b>Output voltage</b>	0 ... 260 V
<b>Frequency range</b>	40 ... 400 Hz
<b>Output waveform</b>	sinus
<b>Output current</b>	6 A
<b>Output power</b>	1320 VA
<b>Delay time range</b>	0 ... 20 s
<b>Delay time resolution</b>	0,1 s
<b>Soft start range</b>	0 ... 10 s
<b>Standby power consumption</b>	1,5 ... 3 W
<b>Display</b>	5-bit LED segment display
<b>Setting options</b>	External analogue value setting: 1 - 5 V, Membrane keypad: 6 buttons and LED
<b>Connections</b>	X4: Sensor input, X5: Status output, X6: PLC enable input, X7: Analog input for setpoint specification PLC, supply connector, output voltage connector
<b>Operating temperature</b>	-10 ... 40 °C
<b>Article number</b>	21010921

## Dimensions



## Accessories

Designation	Description	Article no.
<b>Supply unit connection cable, shielded</b>	Length 2 m, connection cable shielded for bowl or linear feeders	10001169
<b>Power supply connection cable with earthing contact plug</b>	Length 1 m, for FUR-S-10XL/FUR-S-SW-12XL, with M12 S coded plug and Schuko plug (type F, CEE 7/4)	21012185
<b>Power supply plug</b>	Alternative plug HA3 4-pin socket complete (HARTING connector without cable)	10001262
<b>Sensor input / status output connection cable</b>	Length 2 m, connection cable M8 straight /M8 angled 3-pin for sensor input (X4)/ status output (X5)	21000296
<b>Sensor input / status output plug</b>	Straight M8 3-pin plug for sensor input (X4)/ status output (X5)	21010590
<b>PLC enable plug</b>	Plug socket M8 3-pin straight insulation displacement connection for PLC release (X6)	21012134