

REOVIB MFS 268 HP **Patented System**

High-power version of the REOVIB MFS 268 frequency-control device, can be used for mains voltages of 400 V with max. 8 or 16 A output current and for mains voltages of 230 V with max. 12, 16, 32 A output current. Available as IP20 versions for installation in control cabinets and also as IP54 standalone units for 230 V and 12/16 A. We are also delighted to offer you a suitable control cabinet system with client specific requirements. Special designs of the REOVIB MFS 268 HP can also be implemented if required.

Advantages

- Independent of the mains input frequency
- Able to automatically determine the resonant frequency of the vibratory conveyor system (with additional vibration amplitude sensor) and regulate the vibration amplitude and maintain a constant feedrate irrespective of load or changes in the mechanical system
- Field bus interfaces: ProfiNet, EtherNet/IP, EtherCAT, CAN-Bus, ProfiBus, DeviceNet
- Available with UL/CSA approval depending on the type (Optional)
- Conveyor frequencies adjustable between 5...300 Hz
- Mains voltage compensation with constant vibration amplitude
- All settings can be made using the integrated display
- Sinusoidal output current
- Can be used on 230 V or 400 V mains input
- User settings can be stored
- Fill level/overflow control
- Versions available in various protection classes and connector options
- MFS 269 HP is available with AC output signal for use with permanent-magnet armature.

**REOVIB MFS 268 HP IP20
(Version 230 V-12/16 A)**



**REOVIB MFS 268 HP IP 20
(Version 230 V - 32 A oder
400 V - 16 A)**



**REOVIB MFS 268 HP
(special design)**



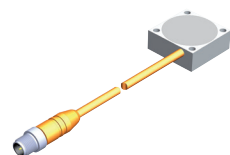
**REOVIB MFS 268 HP IP54
(Version 230 V - 12/16 A)**



**REOVIB MFS 268 HP
(As a complete control
cabinet system)**



**REOVIB SW as IP54-Version,
Plug M12, 4-pin**



Technical data

REOVIB MFS 268 HP			
Mains input	115 / 230 V Auto Detect	115 / 230 V Auto Detect	230 / 400 V Auto Detect
Mains frequency	50 / 60 Hz +/- 3 Hz	50 / 60 Hz +/- 3 Hz	50 / 60 Hz +/- 3 Hz
Output voltage	0 ... 100/0 ... 205 V	0 ... 100/0 ... 205 V	0 ... 205/0 ... 360 V
Output current	max 12 / 16 A	max. 32 A	max. 8 / 16 A
Vibration frequency	5 ... 150 Hz	5 ... 150 Hz (Optional 300 Hz)	5 ... 150 Hz (Optional 300 Hz)
Setpoint value	Display, Poti, 0 ... 10 V, 0 (4) ... 20 mA	Display, Poti, 0 ... 10 V, 0 (4) ... 20 mA	Display, Poti, 0 ... 10 V, 0 (4) ... 20 mA
Status signal	Relay changer 250 V, 1A	Relay changer 250 V, 1A	Relay changer 250 V, 1A
Ext. Enable	24 V DC, Switch	24 V DC, Switch	24 V DC, Switch
Valve output	24 V, 150 mA (IP 54)	-	-
Sensor supply	24 V DC	24 V DC	24 V DC
Setting Umin / Umax	Display	Display	Display
Soft start	Adjustable 0 ... 60 Sek.	Adjustable 0 ... 60 Sek.	Adjustable 0 ... 60 Sek.
Fill level/overflow control	PNP, 24 V DC	PNP, 24 V DC	PNP, 24 V DC
Coarse/fine control	✓	✓	✓
Vibration amplitude regulation	✓	✓	✓
Resonant frequency search	✓	✓	✓
Selectable timer function	✓	✓	✓
Sensor time out monitor	✓	✓	✓
Mains voltage compensation	✓	✓	✓
Field bus interfaces	ProfiNet, EtherNet/IP, EtherCat, Profibus-DP, CAN-Bus, DeviceNet,		
Standard Conformity	CE, RoHS, UL/CSA (Option)	CE, RoHS	CE, RoHS
Protection class	IP20/IP54	IP20	IP20



Typical applications: Conveyor & assembly automation, conveyor technology, sieving technology, filling & packaging technology

Interfaces

