TECHNICAL FEATURES FQ2NG VS FQ1NG

Quiet-Powerful-Complete-Reliable	FQ2NG amplitude-frequency controller	FQ1N NG amplitude-frequency controller
Input voltage	***110 / 230 V Auto Detect - 50 / 60 Hz***	*230 V (110V on request) - 50 / 60 Hz*
Output voltage	*0 ... 100 V / 0 ... 205 V*	*0 ... 100 V / 0 ... 205 V*
Vibration amplitude regulation	✓	✓
Mains voltage compensation	✓	✓
Output current (6-8-10-12-16 A)	*max. 6A (8A on request)*	*max. 10/12 (on request) /16 A IP20-IP54*
Vibration frequency	*5…140 Hz (step 0,1Hz)*	*5…140 Hz (step 0,1Hz)*
Setpoint value	*LCD Display, Poti, 0 … 10 V, 0 (4) ... 20 mA*	*LCD Display, Poti, 0 … 10 V, 0 (4) ... 20 mA*
Setting U_{min} / U_{max}	*Keyboard*	*Keyboard*
Ext. Enable	*24 V DC, Switch contact*	*24 V DC, Switch contact*
Status signal	*Relay (250 V, 1 A)*	*Relay (250 V, 1 A)*
Sensor PNP supply	*24 V DC (100mA)*	*24 V DC (100mA)*
Soft start	*Adjustable 0…5 Sek.*	*Adjustable 0…5 Sek.*
Fill level/overflow control	*PNP, 24 V DC*	*PNP, 24 V DC*
Coarse/fine control	✓	✓
AC 230V motor	✓	✓
Pulse ON/OFF	✓	✓
Logic min/max twin track	✓	✓
2° pnp sensor with 2 delay+output 24V	✓	✓
Air flow	✓	✓
Resonant frequency search (AFC)	✓	✓
Limit max current reg.	✓	✓
Read real time working current	✓	✓
Amplitude sensor SIND3 (with M12)	✓ *Amplitude sensor Sind3*	✓ *Amplitude sensor Sind3*
Resident Software by M.P.	✓ *Sw user friendly*	✓ *Sw user friendly*
LCD display (FQ2)	✓	✓ *Graphic Display*
PW custom	✓ ***code 0000-no pw***	✓ ***code 0000-no pw***
5 save different setting	✓	✓
Multi language menu	✓	✓
Conformity	*CE, RoHS (**UL** work in progress)*	*CE, RoHS (**UL** work in progress)*
Protection class	*IP20 / IP54*	*IP20 / IP54*
Label custom available	*on request*	*on request*
Warranty	*30 months*	*30 months*





SINCE 1988

MP ELETTRONICA QUALITY VIBRATION CONTROL

3D ON REQUEST

UNI EN ISO 9001:2015 - CERT.9105 MPEL