



MOVING COIL FREQUENCY METERS



48DP, 72DP, 96DP, 144 DP

For measuring frequency in sinusoidal AC circuits

Technical data:

Movement: moving-coil with pivot and spring-type bearing

Instrument case: non-flammable plastic according to UL 94-V1

Scale length: 40 mm (48DP), 62 mm (72DP),
85 mm (96DP) 152 mm (144DP)

Class of accuracy: 0.5

Consumption: max. 10mA

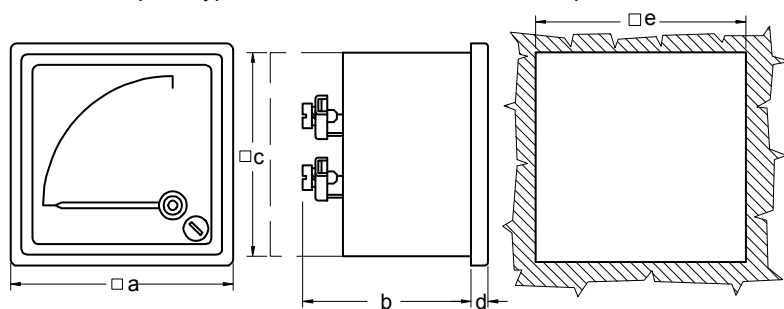
Weight: 0.2 kg (48DP), 0.25 kg (72DP),
0.4 kg (96DP) 0.6 kg (144DP)

Fixing elements: plastic clips



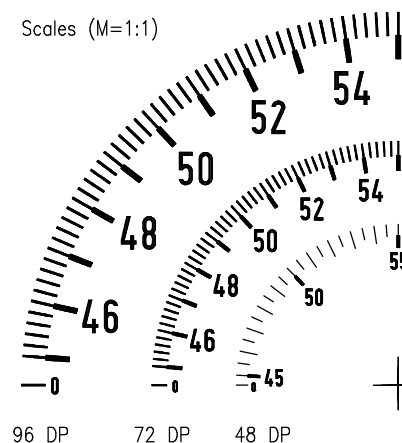
| Frame dimensions | | 48x48 mm | 72x72 mm | 96x96 mm | 144x144 mm |
|--------------------|---------------|------------|------------|------------|-------------|
| Measuring range | Rated voltage | Type 48 DP | Type 72 DP | Type 96 DP | Type 144 DP |
| 45...50...55 Hz | 100 V | x | x | x | x |
| | 115 V | x | x | x | x |
| | 127 V | x | x | x | x |
| | 230 V | x | x | x | x |
| | 400 V | x | x | x | x |
| | 500 V | — | x | x | x |
| 55...60...65 Hz | 100 V | x | x | x | x |
| | 115 V | x | x | x | x |
| | 127 V | x | x | x | x |
| | 230 V | x | x | x | x |
| | 400 V | x | x | x | x |
| | 500 V | — | x | x | x |
| 360...400...440 Hz | 100 V | x | x | x | x |
| | 115 V | x | x | x | x |
| | 127 V | x | x | x | x |
| | 230 V | x | x | x | x |
| | 400 V | x | x | x | x |
| | 500 V | — | x | x | x |

Note: on request types different from tables are accepted



| Type | Dimensions [mm] | | | | |
|--------|-----------------|----|-----|-----|--------------------|
| | a | b | c | d | e |
| 48 DP | 48 | 58 | 45 | 5,5 | 45 ^{+0.6} |
| 72 DP | 72 | 58 | 67 | 5,5 | 68 ^{+0.7} |
| 96 DP | 96 | 58 | 91 | 5,5 | 92 ^{+0.8} |
| 144 DP | 144 | 70 | 137 | 7 | 138 ⁺¹ |

Scales (M=1:1)



Order specification:

- Moving coil frequency meter
- Frame size: 96x96 mm
- Range: 45...50...55 Hz
- Rated voltage: 230 V

Ordering data:

96 DP 45...50...55 Hz 230 V