



## MOVING COIL FREQUENCY METERS



### 48DPe, 72DPe, 96DPe, 144 DPe

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 (48DPe), 62 mm (72DPe),  
85 mm (96DPe) 152 mm (144DPe)

**Class of accuracy:** 0.5

**Consumption:** max. 10mA

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

**Fixing elements** with two screw-type (M3)

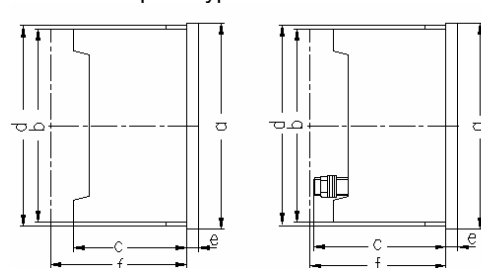


#### Accessorie:

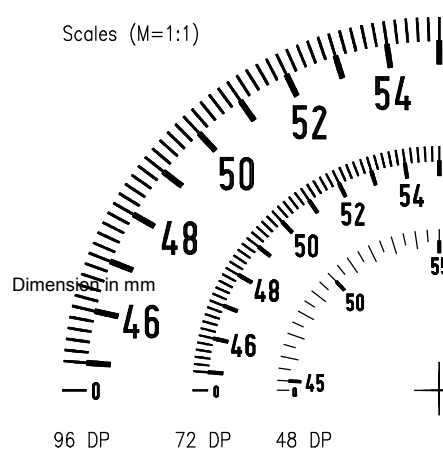
**Terminal protection:** Full sized polycarbonate back cover

Frame dimensions		48x48 mm	72x72 mm	96x96 mm	144x144 mm
Measuring range	Rated voltage	Type 48 DPe	Type 72 DPe	Type 96 DPe	Type 144 DPe
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\	a	b	c	d	e	f	g
48DPe	48	43,5	53	44,5	5,5	64	45 <sup>+0.6</sup>
72DPe	72	66	53	67,5	5,5	64	68 <sup>+0.7</sup>
96DPe	96	90	53	91,5	5,5	64	92 <sup>+0.8</sup>
144DPe	144	136	53	137,5	5,5	64	138 <sup>+1</sup>



#### Order specification:

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

#### Ordering data:

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