

analogue measuring instruments
DC - voltage



48x48 | 72x72
96x96 | 144x144 - DIN 43700
moving coil
class 1.5

MC48 | MC72 | MC96 | MC144

display

pointer	black conform to DIN 43802 – scale plate division 90°
unit	V or mV
accuracy class referred to the full-scale value	1,5
scale color	scale plate: white – division and numbers: black
scale division	rough - Fine
changeable scale plates	yes

input

connection	direct
voltage U_n	60 100 150 250 400 600 mV DC 6 10 15 20 25 30 40 60 100 150 250 300 400 500 600V DC
overload burden	1,2 x U_n 2x U_n for less as 0,5 seconds 1000 Ω / V

standards

technical characteristics	CENELEC HD 233, CEI 85-3, IEC51, VDE0410, BS89, C42-100
safety standards	CENELEC HD 215, CEI13-10, IEC414, DIN57410, BS5458
safety CE EN 61010-1:2001-11	CAT III

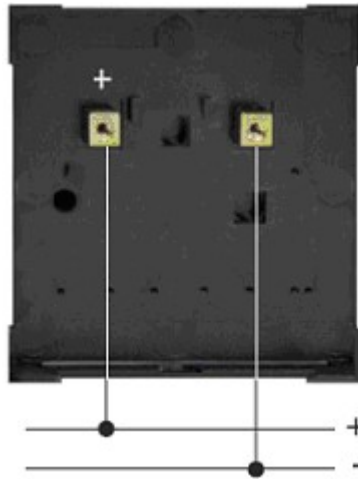
environmental conditions

reference temperature	20°C +/- 1°C
operating temperature	20°C +/- 10°C (-10...+55°C without damage in continuous service)
effect temperature	+/- 0,05% / °C
storage temperature	-40...+70°C

housing

front frame	48x48 72x72 96x96 144x144
mounting	panel
depth of housing	53mm (with terminal cover 63mm)
connection	screws
housing	thermoplastic according to UL-94, V-O classification
protection	IP52 (inside of instrument) IP00 (terminals) IP20 (with terminal cover) option: AKIP54 = IP54 with additional rubber AKIP65 = IP65 with additional rubber and plexiglass
weight	ca. 0,10... 0,45 kg

connection / dimensions



input: direct, max. 600V DC

