

$$U = 2,0V$$

$$I = 5,4mA$$

$$\Delta U = \pm 0,5\%rdg + 1dgt$$

$$rdg = 2,0V$$

$$dgt = 0,01V$$

$$\Delta U = 0,005 * 2,0 + 0,01 = 0,02V$$

$$U = 2,00 \pm 0,02V$$

$$\Delta I = \pm 1,2\%rdg + 1dgt$$

$$rdg = 5,4mA$$

$$dgt = 100\mu A = 100 * 10^{-6}A = 10^{-4}A = 0,1mA$$

$$\Delta I = 0,012 * 5,4 + 0,1 = 0,1648mA$$

$$\Delta I \approx 0,2mA$$

$$\frac{0,2 - 0,1648}{0,1648} = 0,2135 > 10\%$$

$$\Delta I \approx 0,17mA$$

$$\frac{0,17 - 0,1648}{0,1648} = 0,0315 < 10\%$$

$$I = 5,40 \pm 0,17mA$$