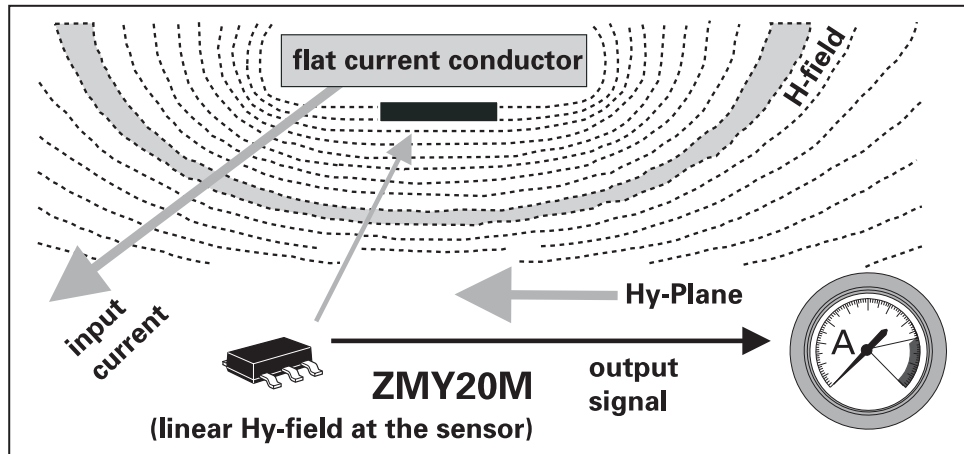


This does not matter as long as the ZMY20M is held rigidly in a fixed position relative to the conductor.

If the conductor is flat, it will give a parallel magnetic field and slight lateral movements of the ZMY20M will have less effect on the value of H_y and therefore the sensitivity. This is shown in Figure 15.

Figure 15. ZMY20M used for Current Measurement in Flat Conductors



If the expense of an iron or ferrite core can be justified, very linear current measurement is possible with this arrangement shown in Figure 16.

Figure 16. ZMY20M used for accurate proportional current measurement

