

A device for detecting magnetic marks on steel cables comprises two inductive sensors with common magnetic core along axis of which cable passes, excitation coils fed with alternating current. Two additional inductive sensors with output windings connected by differential circuit are arranged in the common magnetic core. The output windings of main inductive sensors are connected to input of amplitude detector which output is connected through NOT gate to first inputs of AND gates which second inputs are connected to outputs of threshold elements. The device is provided with two flux gates arranged within interpole spaces of the inductive sensors with common magnetic core. Output windings of the flux gates are connected to main output windings.