

Vibration sensor comprises a metal rod and two cylindrical springs arranged in a horizontal plane of a housing, a light source fixed on the metal rod and mounted above an input end face of a central light guide, relative to which input end faces of input light guides are arranged, while their output end faces are optically coupled to a fiber-optic converter for obtaining information in a binary code, and an output end face of the central light guide is optically coupled to a photodetector. Additionally, a second metal rod, two cylindrical springs, and a second light source fixed on the metal rod and mounted above an input end face of a second central light guide are introduced in a vertical plane of the housing, relative to which input end faces of a second group of input light guides are arranged, while their output end faces are coupled to a second fiber-optic converter for obtaining information in a binary code, and an output end face of the second central light guide is optically coupled to a second photodetector, wherein both metal rods with the cylindrical springs are arranged perpendicular to each other at different levels and are placed in guide rails.