ANALOG INPUT DEVICE, AND METHOD OF CONTROLLING A LIGHTING ARRANGEMENT OF THE ANALOG INPUT DEVICE

Abstract

An analog input device may include at least one mounting panel; a matrix of analog push button assemblies mounted to the at least one mounting panel; a multiplexer with an input side is coupled to the matrix of analog push button assemblies; an analog-to-digital converter coupled to an output side of the multiplexer to convert an analog signal, from at least one of the matrix of analog push button assemblies, into a corresponding digital-step-value; a lighting arrangement including a plurality of light sources respectively associated with the matrix of analog push button assemblies for individually illuminating each analog push button assembly; and a processor coupled to the analog-to-digital converter and configured to control the lighting arrangement to light the plurality of light sources based on the digital-step-value such that a number of the plurality of light sources being lit is proportional to the corresponding digital-step-value.

FIG. 1A