

AbstractSensor For A Fingerboard Latch Assembly

A sensor assembly is provided for a fingerboard latch assembly that comprises: a
5 latch bracket; bolts for mounting the latch bracket to a fingerboard; a latch; and a
bracket pin rotatably supporting the latch on the latch bracket to allow rotation of the
latch between an open position and a closed position. The sensor assembly has a
mounting arrangement that mounts to the bolts, holding a closed-position proximity
10 sensor probe facing downwardly for sensing proximity of a crank portion of the latch
and/or the piston head in the closed position, and also holding an open-position
proximity sensor probe facing forwardly for sensing proximity of an arm of the latch in
the open position.

(Figure 10)

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