

# Eden Dynamic Safety Sensors – JSM D4H Saving on the True Costs of Machine Safety

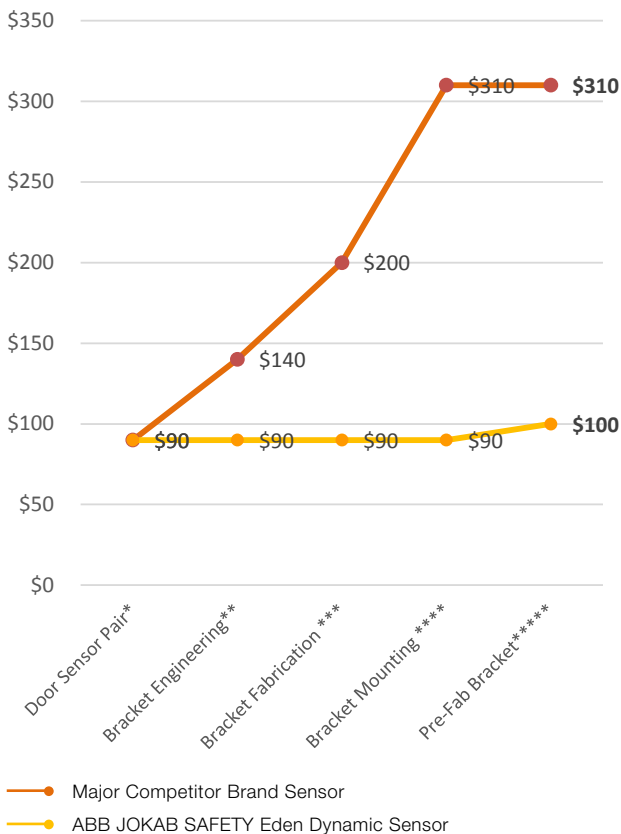
## Inspired by industry

The Eden Dynamic IP69K sensor was developed with two major industry concerns in mind. First, to eliminate the costly and potentially dangerous problems associated with using mechanical keyed interlock safety switches and non-contact magnetic safety switches. And secondly, to allow multiple sensors, emergency stops, light curtains and other devices to be wired in series to a single controller while not compromising safety and maintaining PLe, Safety Category 4.

Eden offers control reliability and maintains the highest level of safety at reduced costs, allowing companies to remain competitive in the global marketplace. ABB JOKAB SAFETY realizes that by helping our customers remain competitive. We don't just impact the cost of the product, we impact the profitability of the entire system.



Total Project Cost



- Eden Dynamic sensors generally cost less than most competitors. \$90 is a common price.
- Bracket engineering consists of engineering design time, research on hole spacing, sizing, and overall dimensions. Add \$50 based on 30 minutes of engineering time at \$100/hr.
- Bracket fabrication includes cutting and shaping the steel, drilling, and tapping the holes. Price is based on shop rates of \$60/hr.
- Bracket mounting consists of grinding, welding, fire watches, and priming/painting. \$110 was used for competitors for approx. 100 mins of work. Since the Eden takes less than one minute, no cost was added.
- The JSM D4H pre-fabricated brackets cost less than \$10 and can eliminate up to hundreds of dollars of actual shop and engineering time. This is just another way ABB JOKAB SAFETY looks beyond the product cost to save you money on the final system.

Contact ABB JOKAB SAFETY for more information on the JSM D4H Eden mounting bracket. Please reference part number 2TLA040033R3600.

**ABB**

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