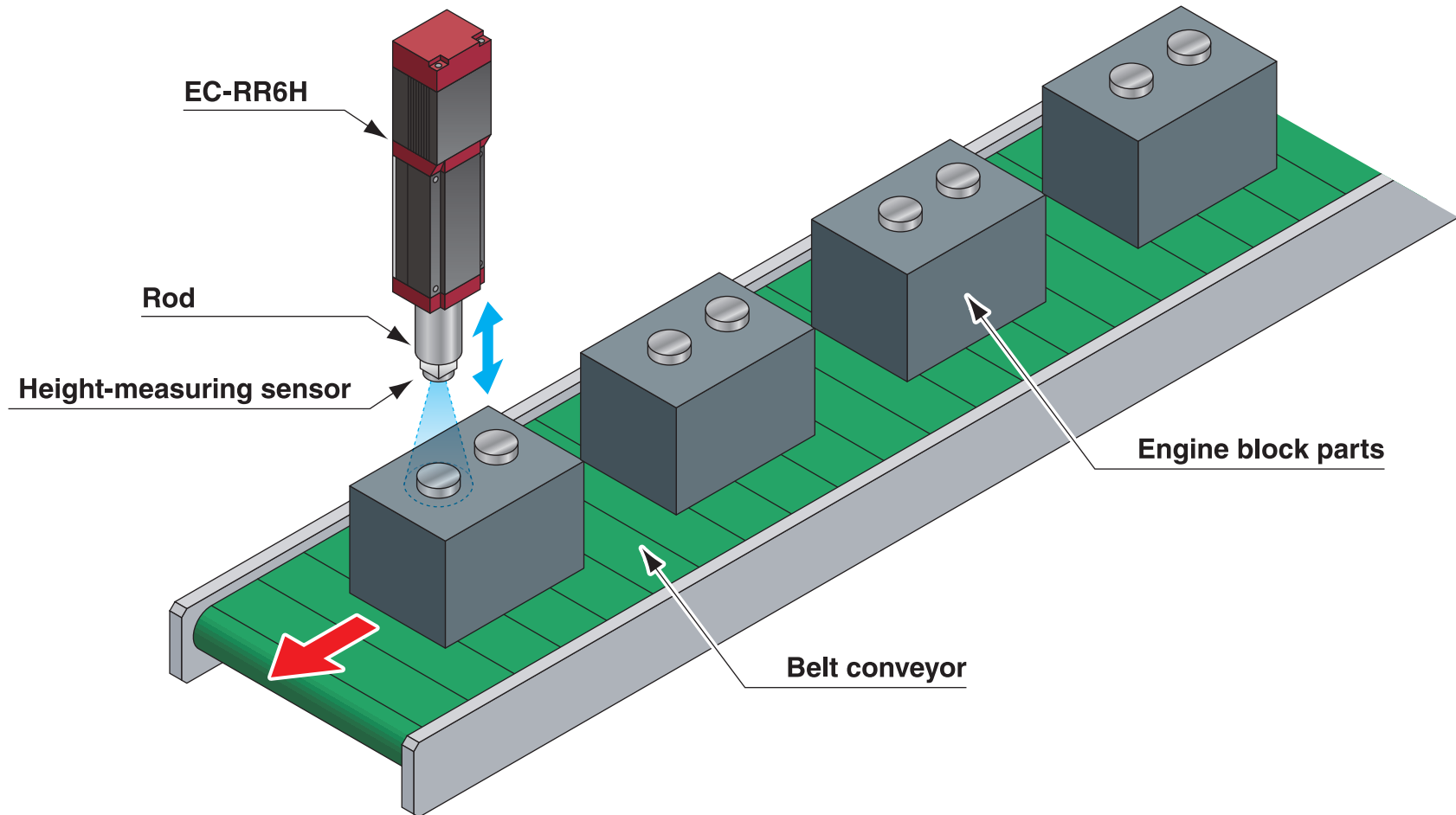


# Inspection process for engine block parts

**Usage** A mechanism to raise/lower the sensor that measures the height of engine block parts.



**Explanation** In this process, a height-measuring sensor is attached to the tip of the rod, and the height of the engine block parts flowing on the conveyor is measured to determine whether the parts are with or without defects. When an air cylinder was used in the past, the impact generated when the air cylinder stopped could cause the sensor that measures the height to shift, resulting in erroneous determination. Adoption of the Elecylinder that can adjust the AVD (Acceleration, Velocity, Deceleration) value has enabled the mechanism to minimize the impact at its stopping. This has led to elimination of erroneous determination caused by the sensor.