

Through Beam Sensors



Each photoelectric through beam sensor consists of two devices: a light sender (designated by an "S," as in the WS 1000) and light receiver (designated by an "E," as in the WE 1000), and switches when an object passes through the light beam (Fig. 1).

Because the sender and receiver are separate, through beam sensors allow for large sensing distances or high excess gain. They are ideal for use in harsh application environments. Through beam sensors are the best choice to sense reflective objects.

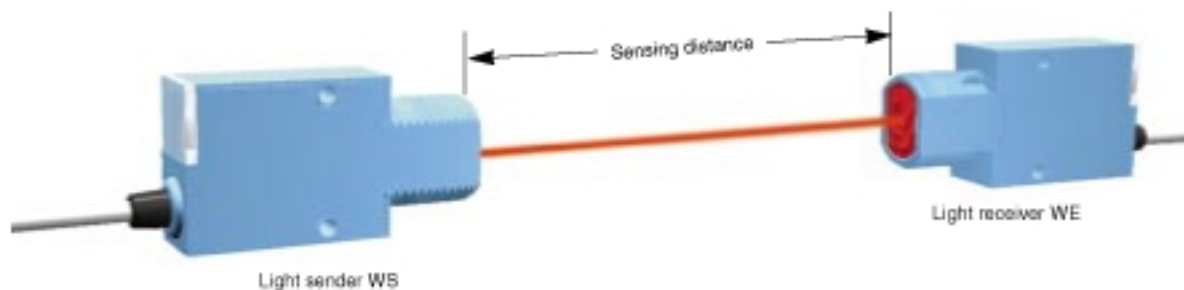


Fig. 1 Photoelectric through beam sensor