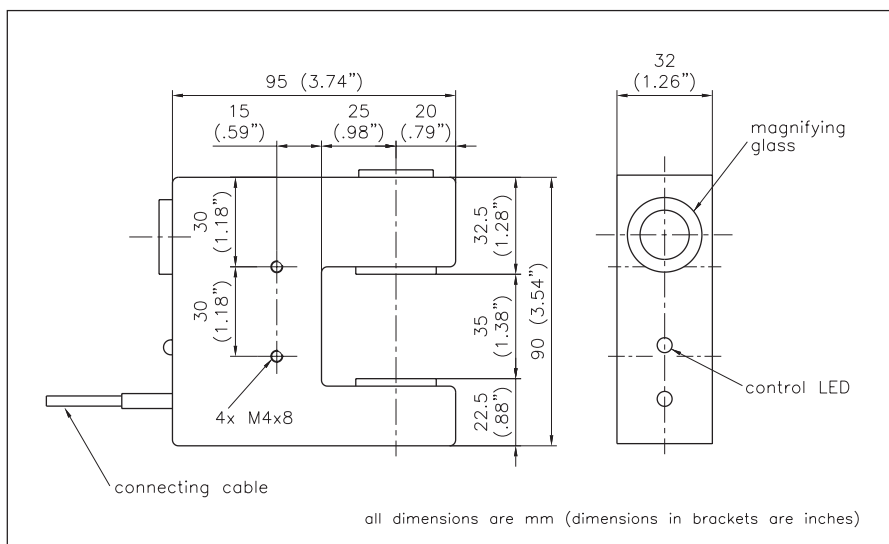


## AZS01 Optical Sensor

The AZS01 is an optical edge sensor utilized for the detection of all opaque materials. The measurement is made with a CCD line sensor that detects the transition from light to dark. The sensor is insensitive to changes in the plane of the material due to the parallel light source.

A yellow LED on the back of the housing shows that the web edge is correctly detected. In addition, the web position can be visually checked with the built-in magnifying glass.



Type	AZS01
Measuring width	8mm (.315")
Resolution	0.2mm (.008")
Measuring rate	1ms
Output signal 0...8V	0V when the web is fully within the sensor (8mm) (.315") 10V when the web is not within the sensor (0mm) (0")
Position indication	LED if detection ok
Power supply	24VDC (18...36VDC)
Connecting cable	3 x 0.14mm <sup>2</sup> , length 5m or 10m (5'16" or 10'32")
Temperature range	0...45°C (32...139°F)
Protection class	IP54