

DS1 SERIES AREASCAN DETECTION AND MEASUREMENT LIGHT GRIDS WITH ANALOGUE OUTPUT

The DS1 AREAScan series are compact multibeam light grids suitable for the detection and measurement of objects with different shapes and dimensions. Different models are available with 100, 150 and 300 mm controlled height, 4 mm resolution and operating distance reaching 4 m.

The electronics is fully integrated and so no external drivers are required.

The measurement value is supplied through the analogue 0-10 V output which is proportional to the number of interrupted beams.

The PNP digital output is activated every time a beam between emitter and receiver is interrupted. The low response time, ranging from 1 to less than 3 ms, depending on the height and measurement resolution, allows installation also on fastest machines and processes.