

# Laser Light Barrier Kit RLACS189



The Laser Light Barrier kit comprises of an optical sensor with power and trigger output connections, a Bohle suction mount with a metal mounting plate for the optical sensor and 1 m of reflective tape.

The trigger cable from the light barrier unit connects directly with the trigger input of a VBOX and the power cable can connect to any of the 5-way LEMO connectors on a VBOX to pick up power.

Using the Bohle suction mount the optical sensor can be mounted on the outside of the vehicle.

The reflective tape can then be adhered to a thin flat strip of plastic, which can then be stuck down on to the surface of the road.

The light barrier is then set facing down towards the ground. This mounting arrangement ensures accurate and consistent strip line detection.



## Specification

- **Range:** 0 – 15 m (dependent on reflector type)
- **Response Time:** 0.2 ms

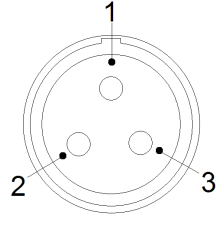


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## Connection Details

Trigger output – 3-way LEMO		
Pin	In/Out	Function
1	-	
2	-	
3	0	Trigger output
Chassis		Ground



Power connector – 5-way LEMO		
Pin	In/Out	Function
1	-	
2	-	
3	-	
4	-	
5	0	+12V Power
Chassis		Ground

