

SAFETY PRODUCTS

Safety light curtain

Orion1 Base

Orion1 Base is an easy to use light curtain with compact dimensions and two resolutions for detection of fingers and hands.

Light curtains are usually used closed to the hazardous zone when repeated access to the machine is necessary, for example manually serviced machines.

Light curtains can also be used to limit work zones inside the hazardous area and be mounted horizontally for area protection.



Cost effective solution

No more functions than necessary

Orion1 Base comes with a minimum of advanced functionalities to save cost.

Minimized cabling

A local reset button can be connected directly to the light curtain. In this way there is no need for a cable between the reset button and the electrical cabinet or for an extra control module.

External device monitoring

Each light curtain can monitor the actuators without any extra control module (EDM function).



Continuous operation

Visible alignment level

Since the alignment level is displayed, the alignment can be improved before the occurrence of an unwanted stop.

Extensive error indication

Extensive error indication reduces troubleshooting time.

Protection against harsh environment

Protective tubes and lens shields protect the devices in harsh environments.



Easy to install

Easy to align

Alignment help and a wide angle within the limits of a Type 4 device facilitate alignment. Rotation brackets also simplify alignment.

Easy to connect

M12 connectors speed up cabling.

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Ordering Details



Orion1 Base

2TLC02787R0301

Detection (Resolution mm)	Protected height mm	Type (Transmitter + receiver)	Order code	
Finger (14)	150	Orion1-4-14-015-B	2TLA022300R0000	
	300	Orion1-4-14-030-B	2TLA022300R0100	
	450	Orion1-4-14-045-B	2TLA022300R0200	
	600	Orion1-4-14-060-B	2TLA022300R0300	
	750	Orion1-4-14-075-B	2TLA022300R0400	
	900	Orion1-4-14-090-B	2TLA022300R0500	
	1050	Orion1-4-14-105-B	2TLA022300R0600	
	1200	Orion1-4-14-120-B	2TLA022300R0700	
	1350	Orion1-4-14-135-B	2TLA022300R0800	
	1500	Orion1-4-14-150-B	2TLA022300R0900	
	1650	Orion1-4-14-165-B	2TLA022300R1000	
	1800	Orion1-4-14-180-B	2TLA022300R1100	
	Hand (30)	150	Orion1-4-30-015-B	2TLA022302R0000
		300	Orion1-4-30-030-B	2TLA022302R0100
450		Orion1-4-30-045-B	2TLA022302R0200	
600		Orion1-4-30-060-B	2TLA022302R0300	
750		Orion1-4-30-075-B	2TLA022302R0400	
900		Orion1-4-30-090-B	2TLA022302R0500	
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