

SAFETY PRODUCTS

Safety light curtain

Orion1 Extended

Orion1 Extended is an easy to use light curtain with compact dimensions. It has two resolutions for detection of fingers and hands, and comes with advanced features like cascading, muting and blanking.

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



Cost effective solution

Integrated muting function

Muting sensors are connected directly to the light grid, with no need for a remote muting module.

No dead zones

The light beams cover all of the profile length, without the usual dead zones at the ends requiring extra mechanical guards.

Easy serial connection

Cascading with the standard units: no separate slave or master units.



Easy to install

Easy to align

Alignment help and a wide angle within the limits of a Type 4 device facilitate installation.

Easy to connect

Cables with M12 connectors speeds up connection.



Continuous operation

Reduced downtime

Extensive error indication reduces troubleshooting time.

Interference protection

Protection against mutual interference with coding.



2TLC127932F0201

Orion1 Extended

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Ordering Details

Resolution mm	Protected height mm	Type (Transmitter + receiver)	Order code	
Finger (14)	300	Orion1-4-14-030-E	2TLA022301R0100	
	450	Orion1-4-14-045-E	2TLA022301R0200	
	600	Orion1-4-14-060-E	2TLA022301R0300	
	750	Orion1-4-14-075-E	2TLA022301R0400	
	900	Orion1-4-14-090-E	2TLA022301R0500	
	1050	Orion1-4-14-105-E	2TLA022301R0600	
	1200	Orion1-4-14-120-E	2TLA022301R0700	
	1350	Orion1-4-14-135-E	2TLA022301R0800	
	1500	Orion1-4-14-150-E	2TLA022301R0900	
	1650	Orion1-4-14-165-E	2TLA022301R1000	
	1800	Orion1-4-14-180-E	2TLA022301R1100	
	Hand (30)	300	Orion1-4-30-030-E	2TLA022303R0100
		450	Orion1-4-30-045-E	2TLA022303R0200
		600	Orion1-4-30-060-E	2TLA022303R0300
750		Orion1-4-30-075-E	2TLA022303R0400	
900		Orion1-4-30-090-E	2TLA022303R0500	
1050		Orion1-4-30-105-E	2TLA022303R0600	
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