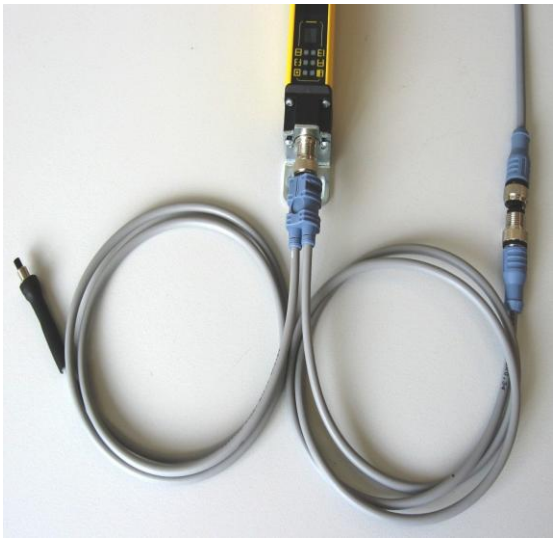
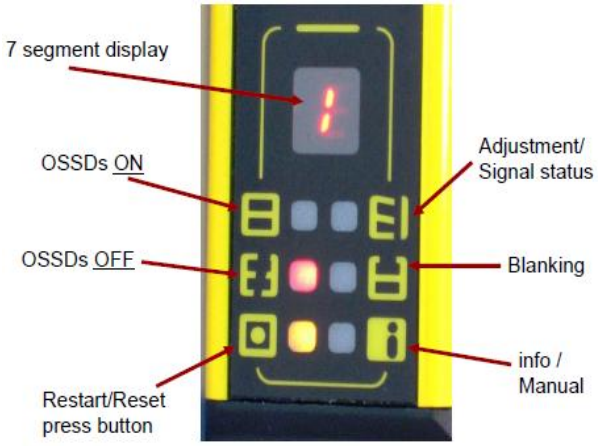
Schmersal SLC 440

Advanced features with simple programming.

Schmersal's commitment to providing complete machine guarding systems has yielded the SLC 440 light curtain. This product has a number of very advanced features, but with very simple programming all done without the need for a laptop. The 440 utilizes a pushbutton which is attached via M12 quick disconnect. By a simple push of the button a parameter is activated or inactivated.



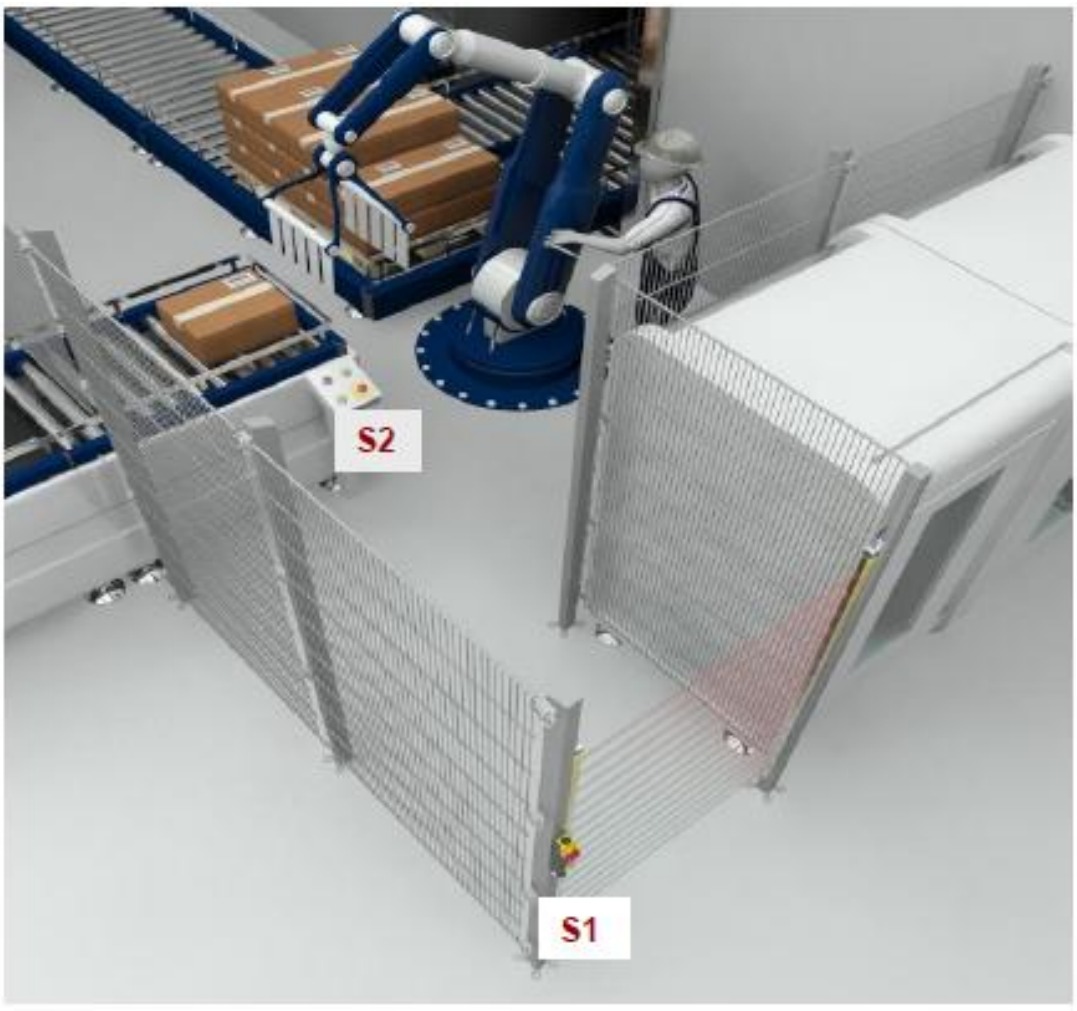
The SLC 440 has the same durability that you have come to expect from Schmersal products. It utilizes a four sided, 1.5mm thick aluminum extrusion which results in superior resistance to torque and damage. Instead of using a three sided extrusion with a glass front, Schmersal has provided an added layer of rigidity to provide the most rugged light curtain available.



The features and programming could not be more simple. Simply depress the removable push button until the correct parameter is displayed, hold it down for 2.5 seconds, press the button until active or inactive is displayed, hold the button down for 2.5 sec. After your changes have been made scroll to the save function by pressing the button until “S” appears on the display and hold the button for 2.5 seconds.

No	Parameter	Status	Note
P1	Fix Blanking	- or A (active)	Object position inside the field will be blanked.
P2	Fix Blanking w Variable Boarder	- or A (active)	1 beam 1 object only
P3	Fix Blanking	- Not Active	
	1 Beam	1	
	2 Beam	2	safety distance increases
P4	EDM	- or A (active)	external device monitoring
P5	Double Reset	- or A (active)	double confirmation with two buttons
P6	Beam Coding	- or A (active)	active if close to other light curtain beams
S	Save	S.	Save all modifications
C	Clear	C.	Clear back to factory settings
D	Diagnose	D.	Diagnose mode.

One unique feature is the double manual reset. This allows for a reset button to be located inside a work cell as well as one outside the cell. This parameter requires that in order to reset the light curtain that the inside button be depressed the beams be broken and the outside reset be depressed in that order. This prevents inadvertent restarts should there be a blind spot inside the work cell. This is visually represented below and to reset would require S2 to be depressed, the employee then walk through the beams and depress S1 in order to reset.



The unique features of the LC 440 coupled with simple programming exemplify Schmersal's approach to providing a complete safety system through innovative products that can be adapted to meet guarding needs. Please double click on the link below for a brief YouTube video of the features and benefits of this interlock or you can visit their website at www.schmersalusa.com.

http://www.youtube.com/watch?feature=player_detailpage&v=3sY2NzR21h0

http://www.youtube.com/watch?v=Bi_9j5LGaXg&feature=player_detailpage