

Ordering Procedure

Example Part

SS - 04 - OF - 20 - (Options)

Solid State Outputs

Pylon Size

Light Curtain Style and Beam Spacing

Scanning distance in feet—20' (6.1m) standard, 75' (22.8m) maximum

Light Curtain Model

SS - Solid State Outputs

Pylon Sizes (Protected Area in inches)

1/2" (13mm) Beam Spacing: 04,08,12,16,20,24,28,32,36,40,44,48,52,56,60,64,68,72,76,80,84,88,92,96,100,104,108,112,116,120

1" (25mm) Beam Spacing: 04,08,12,16,20,24,28,32,36,40,44,48,52,56,60,64,68,72,76,80,84,88,92,96,100,104,108,112,116,120

4" (102mm) Beam Spacing: 20,28,36,44,52,60,68,76,84,92,100,108,116

Customized Blanking Available (consult factory)

Light Curtain Style and Beam Spacing

1/2" (13mm) Spacing of Beams

OF - Constant scan - no blanking.

1F - 1 beam floating blank built-in.

8K - Up to 3 beam floating blank adjustable by the use of a keyswitch removable in all positions. Capable of constant scan or one, two, or three floating beams. (Requires RSD option)

AB - Includes constant scan light curtain, one beam floating blank, and two auto blank modes. (Requires RSD option)

CE - No blanking, 24VDC input power, 2° angle of divergence, and CE certified (designed to conform to the European Market and worldwide IEC 61496 Parts 1 & 2 Standards).

1" (25mm) Spacing of Beams

OF1 - Constant scan - no blanking.

1F1 - 1 beam floating blank built-in.

8K1 - Up to 3 beam floating blank adjustable by the use of a keyswitch removable in all positions. Capable of constant scan or one, two, or three floating beams. (Requires RSD option)

AB1 - Includes constant scan light curtain, one beam floating blank, and two auto blank modes. (Requires RSD option)

CE1 - No blanking, 24VDC input power, 2° angle of divergence, and CE certified (designed to conform to the European Market and worldwide IEC 61496 Parts 1 & 2 Standards).

4" (102mm) Spacing of Beams (no blanking options available, constant scan only)

OF4 - For perimeter guarding, body detection. 4.25" (108mm) object sensitivity. 4" (102mm) active area followed by a 4" (102mm) gap.

No Additional Charge Options (add underlined suffix to part number)

EDM - **External Device Monitoring (EDM)**: Feature enabled requires the use of 2 external safety relays

LR - **Resettable Latching Relays**: Requires the light curtain to be manually reset every time the sensing field is penetrated.

Options (Add underlined suffix to part number)

RSD - **Model SS Remote Status Display (RSD)**: Remote mounting plate providing a single location to mount the following on existing panel door: light curtain scrolling diagnostic message display, blanking keyswitch (if applicable), and status indicator lights (all styles).

SMB - **Swivel Mounting Brackets for Pylons**: Replaces the L-shaped fixed mounting brackets normally supplied. Provides a 360° rotation of pylons.

SSSR - **Captive Contact Safety Relay Module**

Extended Range Units: 21' (6.4m) to 75' (22.8m) scanning distances (specify desired scanning distance).

MPI - **Multiple Pylons (two sets) - Cascading or Homerun Cables to the Controller**

Connected via the CAN Network with one light curtain set area/zone share a common output

MP2 - **Multiple Pylons (three sets or more) - Cascading or Homerun Cables to the Controller**

Connected via the CAN Network with light curtain set two areas/zones with two outputs.

32-109 - **High Load Safety Relay**

20 AMP high load safety relay incorporates a 24vdc coil with 3 NO (held closed) and 1 NC contact. Each light curtain requires two relays and EDM feature. Dimensions: (45mm width x 91mm length x 115mm height)

PT - **Polycarbonate Tubes**: Encase the pylons for high impact protection.

Model SS Output Circuits must be used with either "Control Reliable" PLC Safety Input Circuits or a Safety Relay Module.

Order Form

Name: _____

Company: _____

Phone: _____

Email: _____

Fax: _____

Address: _____

City: _____

State: _____

Zip: _____

SS

**Solid State
Outputs**

**Pylon
Size**

**Light Curtain
Style and Beam
Spacing**

**Scanning distance (ft.):
20' (6.1m) standard,
75' (22.8m) maximum**

(Options)