



## SLLP40-1190P88

### ▶ LS SERIES FULL FEATURE HEAVY-DUTY TYPE 4 SAFETY LIGHT CURTAINS



EZ-SCREEN LS, Pair

Resolution: 40 mm; Range: 12 m (40 ft)

Defined Area: 1190 mm (46.9 in.); Housing: Yellow

Connection: M12 8-pin 300 mm Pigtail QD; 2x OSSD, EDM, Fault Out & Fault Reset

Part Number: 89725

#### CERTIFICATIONS



#### SPECIFICATIONS

Primary Housing Material	Aluminum
Safety Level	Type 4
Effective Aperture Angle	Type 4 Per IEC 61496-2
Connector Type	M12 Pigtail (Yellow)
Defined Area (mm)	1190
Dimensions WxD (mm)	36 x 45
Overall Length (mm)	1193
External Monitoring Device	1 Channel
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Housing Finish	Yellow Polyester

<b>IP Rating</b>	IP65; IP67
<b>Number of Pins (Receiver/Emitter)</b>	8
<b>Operating Distance (m)</b>	0.1 - 12
<b>Operating Voltage</b>	24 V dc +/- 15%
<b>Operating Temperature</b>	-20 to +55 deg. C; RH 95%
<b>PL Rating</b>	PLe
<b>Recovery Time</b>	49 / 168
<b>Resolution (mm)</b>	40
<b>Reduced Resolution</b>	No
<b>Response Time</b>	12
<b>SIL Rating</b>	SIL3; CL3
<b>Electrical Safety Class</b>	III
<b>Scan Code</b>	Selectable
<b>Shock</b>	10g at 16ms (6000 cycles)
<b>Short Protection</b>	Yes
<b>System Type</b>	Emitter/Receiver Pair
<b>Vibration</b>	10-55 Hz at 0.35 mm
<b>Auxiliary Output</b>	No
<b>Fault Output</b>	Yes
<b>Housing Material</b>	Aluminum; Zinc; Acrylic
<b>OSSD Rating</b>	24 V dc at 0.5 A each
<b>Supply Current</b>	123 mA Typical
<b>Trip/Latch Output</b>	Trip
<b>Test Input</b>	No
<b>Feature: End-to-End Sensing</b>	Yes
<b>Feature: ESD Safe</b>	No
<b>Feature: Integral Muting</b>	No






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## RELATED PRODUCTS

### DOUBLE ENDED CORDSETS

	<p><b>DEE2R-81D</b></p> <p>Euro-style Quick-Disconnect Cable ; 8 Pin Double Ended With 1 Female &amp; 1 Male Connector; 0.3 m (1 ft) in Length; 22 GA Cascadeable</p>
	<p><b>DEE2R-83D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 0.91 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-812D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8-pin Male Connector Straight; 8-pin Female Connector Straight; 3.66 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-815D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 4.57 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-825D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 7.62 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-830D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 9.14 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-850D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 15.24 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-875D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 22.86 m Length; Chrome plated brass coupling nut</p>
	<p><b>DEE2R-8100D</b></p> <p>Euro-style Quick Disconnect Cable; Double-ended; 8 Pin Male Connector Straight; 8 Pin Female Connector Straight; 30.48 m Length; Chrome plated brass coupling nut</p>


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	<p><b>QDE-815D</b></p> <p>Euro-Style Quick Disconnect Cable; 8 Pin Euro-Style Female Connector; 5 m (15 ft) in Length; Non-Shielded</p>
	<p><b>QDE-825D</b></p> <p>Euro-Style Quick Disconnect Cable; 8 Pin Euro-Style Female Connector; 8 m (25 ft) in Length; Non-Shielded</p>
	<p><b>QDE-850D</b></p> <p>Euro-Style Quick Disconnect Cable; 8 Pin Euro-Style Female Connector; 15 m (50 ft) in Length; Non-Shielded</p>
	<p><b>QDE-875D</b></p> <p>Euro-Style Quick Disconnect Cable; 8 Pin Euro-Style Female Connector; 23 m (75 ft) in Length</p>
	<p><b>QDE-8100D</b></p> <p>Euro-Style Quick Disconnect Cable; 8 Pin Euro-Style Female Connector; 30 m (100 ft) in Length; Non-Shielded Cable</p>



## SPLITTER CORDSETS

	<p><b>CSB-M1280M1280</b></p> <p>Euro-style Quick Disconnect Splitter Connector; 8-Pin Male Trunk Straight; 8-Pin Female Straight Branches (2); Black PUR Splitter Junction Cable</p>
	<p><b>CSB-M1281M1281</b></p> <p>Euro-style Quick Disconnect Splitter Cable; 8 Pin Double-ended with 0.3 Female Branches and; Male Rotatable Trunk Connector; 0.3 m Trunk Length ; 8X22 GA 1 Ft Trunk 1 Ft Branch</p>
	<p><b>CSB-M1288M1281</b></p> <p>Euro-style Quick Disconnect Splitter Cable; 8 Pin Double-ended with 0.3 Female Branches and ; Male Rotatable Trunk Connector; 2.5m Trunk Length; 8X22 GA 8 Ft Trunk 1 Ft Branch</p>
	<p><b>CSB-M12815M1281</b></p> <p>Euro-style Quick Disconnect Splitter Cordset; 8-Pin Male Straight Trunk ; 4.6 M (15ft) in length; 8-Pin Female Straight Branches (2); 0.3 m (1 ft) in length; Black PUR Splitter Junction; Yellow PVC Cable Jacket</p>
	<p><b>CSB-M12825M1281</b></p> <p>Euro-style Quick Disconnect Splitter Cable; 8 Pin Double-ended With 0.3 Female Branches and; Male Rotatable Trunk Connector; 8 m Trunk Length; 8X22 GA 25 Ft Trunk 1 Ft Branch</p>


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	<p><b>CSB-UNT825M1281</b></p>
	<p>Euro-style Quick Disconnect Splitter Cable; 8 Pin; 0.3 m Female Branches Unterminated Trunk; 8 m (25 ft) in Length; 8X22 GA 25 Ft Trunk 1 Ft Branch</p>





## ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	<p><b>EZLSA-MBK-11</b></p>
	<p>EZ-SCREEN LS Accessory Bracket: End Mount; Includes Two Brackets and Hardware; Rotation: 360 Degrees in 23 Degree Increments; 8 ga. Steel, Black Zinc Plated</p>
	<p><b>EZLSA-MBK-12</b></p>
	<p>EZ-SCREEN LS Accessory Bracket: Center Mount; Includes One Bracket and Hardware; Rotation: +15 Degrees and - 15 Degrees; 8 ga. Steel, Black Zinc Plated and Die-Cast Zinc Clamp</p>

## ENCLOSURES - SAFETY LIGHT

	<p><b>EZLSA-TE-1190</b></p>
	<p>Accessory: Tubular Enclosure for EZ Screen LS; Length 1190 mm</p>

## SGS AND LS MUTING ARM KITS

	<p><b>SGSA-ML-L-LPQ20</b></p>
	<p>Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: L Configuration Left Side; Includes: One Sensor Arm with Two Q20PLPQ5 Sensors Installed; One Reflector Arm with Two Reflectors Installed, and Mounting Hardware</p>
	<p><b>SGSA-ML-R-LPQ20</b></p>
	<p>Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: L Configuration Right Side; Includes: One Sensor Arm with Two Q20PLPQ5 Sensors Installed; One Reflector Arm with Two Reflectors Installed, and Mounting Hardware</p>
	<p><b>SGSA-MT-LPQ20</b></p>
	<p>Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: T Configuration; Includes: Two Sensor Arms with Two Q20PLPQ5 sensors installed on each arm; Two Reflector Arms with Two Reflectors Installed on Each Arm, and Mounting Hardware</p>
	<p><b>SGSA-MX-LPQ20</b></p>
	<p>Safety Grid System and LS Light Curtain, Accessory; Mute Arm Kit: X Configuration; Includes: Two Sensor Arms with Two Q20PLPQ5 sensors installed on each arm; Two Reflector Arms with One Reflectors Installed on Each Arm, and Mounting Hardware</p>

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