

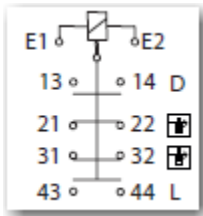
# Product Supplemental Instructions

Model: SI-GL42DS01-20Q01

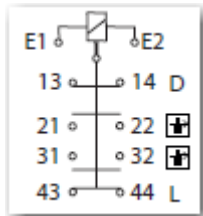
This product is a derivation of a standard product. The modification is the installation of one 8-pin male M12 quick-disconnect connector on the bottom of the unit. For detailed product information, refer to part number 220476 at [www.bannerengineering.com](http://www.bannerengineering.com), or contact Banner Engineering.

## Modifications

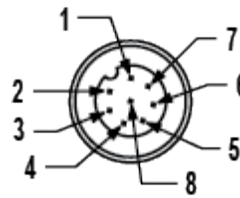
This product was derived from part number 811068, model SI-GL42DS01-21



Actuator Engaged and Locked



Actuator Unlocked and Removed



Bottom QD Wiring Diagram

8-pin QD	Function	Bottom QD Wiring Contact #
Pin 1 White	Monitoring NC1a	21
Pin 2 Brown	Actuator NO1a	13
Pin 3 Green	Monitoring NC2b	32
Pin 4 Yellow	Monitoring NC1b	22
Pin 5 Gray	Actuator NO1b	14
Pin 6 Pink	Monitoring NC2a	31
Pin 7 Blue	DC Common	E2
Pin 8 Red	+24 V DC	E1

Wire color based on SXA-8xxD cordset.

**CAUTION:**



- Safety Switch Installation
- Using only one safety switch per interlock guard is not recommended.
- Use two safety switches for each interlock guard to achieve control reliability or Safety Category 4, per ISO 13849-1, of a machine stop circuit.
- In addition, normally-closed (N.C.) safety contacts from each of the two safety switches should be connected to the two separate inputs of a two-channel safety monitoring device. This is required to monitor for safety switch contact failure and to provide the necessary reset routine, as required by IEC 60204-1 and NFPA 79 machine safety standards.



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