



Representative Photo Only  
(actual product may vary based on configuration selections)

### Ferrogard, 8-Pin Micro (M12)

- Extensive range of different housing styles and mounting options
- RFID coded devices available
- Stainless steel versions available which are suitable for use in harsh environments
- Plastic or metal housing versions available
- Cabling for this range can be found in **Section 12 "Terminals and Pre-Wired Cables"**

### SPECIFICATIONS

|                                         |                                                                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| InterlockType                           | Ferrogard                                                                                                                           |
| B10d (ISO 13849:2006)                   | 2000000                                                                                                                             |
| MTTFd (ISO 13849:2006)                  | 385 years                                                                                                                           |
| Switching Current                       | 1 A                                                                                                                                 |
| Un, Nominal Operational Voltage, DC     | 24 V DC                                                                                                                             |
| Housing Type                            | Rectangular                                                                                                                         |
| Material, Body / Housing                | Stainless Steel, 316L material                                                                                                      |
| Actuator Included                       | Yes Y / N                                                                                                                           |
| Actuator Type                           | Magnetic, Non-coded                                                                                                                 |
| Sensing Distance                        | 15 mm                                                                                                                               |
| Output Configuration, Safety            | 2 NC                                                                                                                                |
| Output Configuration, Auxiliary         | 1 NO                                                                                                                                |
| Connection / Termination                | M12 x 1, DC Micro, 8-pin with pigtail                                                                                               |
| Operating Temperature, Max              | 125 °C max                                                                                                                          |
| Operating Temperature, Min              | -25 °C min                                                                                                                          |
| Storage Temperature, Max                | 125 °C max                                                                                                                          |
| Storage Temperature, Min                | -25 °C min                                                                                                                          |
| IP Rating                               | IP68                                                                                                                                |
| Shock Acceleration (Max.)               | 30 g                                                                                                                                |
| Shock Duration (Max.)                   | 11 ms                                                                                                                               |
| Shock Rating                            | IEC 60068-2-27                                                                                                                      |
| Vibration Frequency, Operational (Max.) | 200 Hz                                                                                                                              |
| Vibration Rating                        | IEC 60068-2-6                                                                                                                       |
| Standards Compliance                    | EN 954 / ISO 13849:1999 Category 1<br>NFPA 79<br>EN 1088<br>AS/NZS 4024 Category 1<br>ANSI B11.19<br>IEC 61000-4-3<br>IEC 61000-4-6 |

Catalogue No: **440N-G02149**

**FERROGARD 21 GD2 24V DC 1A 2NC-SFTY 1NO-AUX DC-MICRO-8PIN**

Safety > Safety Interlocks > Non-Contact Interlocks > Allen-Bradley Non-Contact Interlocks > Ferrogard > Rectangular Housing with Metal Body



Certifications  
CE  
C-UL-US

| REFERENCES                                  |                                             |
|---------------------------------------------|---------------------------------------------|
| IECEEx Certificate                          | -                                           |
| Supplier Declaration of Conformity:         | -                                           |
| Installation Guide:                         | -                                           |
| User Manual:                                | -                                           |
| Manufacturer Datasheet:                     | -                                           |
| Manufacturer Catalogue & Product Selection: | <a href="#">440N_Manufacturer Catalogue</a> |