



## Non Contact Interlock Switches

With these devices there is no physical contact between the separate switch and actuator units. Both units are sealed with a high IP rating. They provide tolerance for misalignment and movement between the actuator and switch. These devices should be protected from impact damage. Some switches in the range provide very high protection against defeat and have monitoring control units.

- Conform to standards EN 60947-5-1, EN 1088 (ISO 14119), EN 292 (ISO 12100), EN 60204-1
- Available pre-wired or with quick disconnect (QD)
- Ideal for use in hygiene applications

### For more information refer to:

Printed Safety Catalogue  
CD based Safety Catalogue  
Visit: [www.ab.com/safety](http://www.ab.com/safety) or [www.ejaltd.com](http://www.ejaltd.com)



**Allen-Bradley**

**Guardmaster®**

### Features

#### Ferrogard

magnetic non contact interlock switches

- Magnetic operation
- Plastic or stainless steel housing options
- Pre-wired or quick disconnect options (QD)
- No control unit required
- Ideal for low to medium risk applications

#### Sipha

magnetically coded non contact interlock switches and control units

- Coded magnetic operation - resistant to defeat
- Plastic or stainless steel housing options
- Pre-wired or quick disconnect options (QD)
- Sensor, controller and contactor monitoring
- Selection of control units available
- Ideal for medium to high risk applications

#### Ferrocode

electro-magnetically coded non contact interlock switch and control unit

- Electro-magnetically coded - highly resistant to defeat
- Plastic housing only
- Sensor, controller and contactor monitoring
- Control unit for high integrity
- Ideal for high risk, high integrity applications



## Ferrogard magnetic non contact interlock switches



Other cable lengths than the ones shown are available

Type	Switching Capacity	Safety Contacts	Auxiliary Contacts	Connection	Housing	Cat. No.
Ferrogard 1	250V AC, 2A	1 N.C.	-	2m Cable	ABS Plastic	440N-G02001
Ferrogard 1	250V AC, 2A	1 N.C.	-	4m Cable	ABS Plastic	440N-G02004
Ferrogard 2	250V AC, 2A	1 N.C.	1 N.O.	2m Cable	ABS Plastic	440N-G02002
Ferrogard 2	250V AC, 2A	1 N.C.	1 N.O.	4m Cable	ABS Plastic	440N-G02014
Ferrogard 2	250V AC, 2A	1 N.C.	1 N.O.	4 Pin Micro QD	ABS Plastic	440N-G02093
Ferrogard 20	250V AC, 2A	2 N.C.	-	4m Cable	ABS Plastic	440N-G02085
Ferrogard 20	250V AC, 2A	2 N.C.	-	4 Pin Micro QD	ABS Plastic	440N-G02097
Ferrogard 21	250V AC, 2A	2 N.C.	1 N.O.	2m Cable	ABS Plastic	440N-G02055
Ferrogard 21	250V AC, 2A	2 N.C.	1 N.O.	4m Cable	ABS Plastic	440N-G02061
Ferrogard 21	250V AC, 2A	2 N.C.	1 N.O.	6 Pin Micro QD	ABS Plastic	440N-G02098
Ferrogard 2	24V DC, 1A	1 N.C.	1 N.O.	2m Cable	ABS Plastic	440N-G02092
Ferrogard 2	24V DC, 1A	1 N.C.	1 N.O.	4 Pin Micro QD	ABS Plastic	440N-G02094
Ferrogard 20	24V DC, 1A	2 N.C.	-	4 Pin Micro QD	ABS Plastic	440N-G02090
Ferrogard 21	24V DC, 1A	2 N.C.	1 N.O.	2m Cable	ABS Plastic	440N-G02058
Ferrogard 21	24V DC, 1A	2 N.C.	1 N.O.	4m Cable	ABS Plastic	440N-G02077
Ferrogard 21	24V DC, 1A	2 N.C.	1 N.O.	6 Pin Micro QD	ABS Plastic	440N-G02099
Recommended Mating Cable - 2m (6.5ft) - 4 Pin Micro QD						889D-F4AC-2
Recommended Mating Cable - 2m (6.5ft) - 6 Pin Micro QD						889R-F6ACA-2



## Ferrogard magnetic non contact interlock switches



Type	Switching Capacity	Safety Contacts	Auxiliary Contacts	Connection	Housing	Cat. No.
Ferrogard 3	250V AC, 2A	1 N.C.	1 N.C.	Terminals	ABS Plastic	440N-G02003
Ferrogard 4	250V AC, 2A	1 N.C.	1 N.O.	Terminals	ABS Plastic	440N-G02008
Ferrogard 5	250V AC, 2A	1 N.C.	-	Terminals	ABS Plastic	440N-G02009



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Type	Switching Capacity	Safety Contacts	Auxiliary Contacts	Connection	Housing	Cat. No.
Ferrogard 6	250V AC, 2A	1 N.C.	-	2m Cable	ABS Plastic	440N-G02023
Ferrogard 6	250V AC, 2A	1 N.C.	-	4m Cable	ABS Plastic	440N-G02028
Ferrogard 6	250V AC, 2A	1 N.C.	-	4 Pin Micro QD	ABS Plastic	440N-G02095
Ferrogard 9	24V DC, 1A	1 N.C.	-	2m Cable	ABS Plastic	440N-G02044
Ferrogard 9	24V DC, 1A	1 N.C.	-	4m Cable	ABS Plastic	440N-G02075
Ferrogard 9	24V DC, 1A	1 N.C.	-	4 Pin Micro QD	ABS Plastic	440N-G02096
Ferrogard 10	110V AC, 3A	1 N.C.	-	2m Cable	ABS Plastic	440N-G02045
Ferrogard 10	110V AC, 3A	1 N.C.	-	4m Cable	ABS Plastic	440N-G02088
Recommended Mating Cable - 2m (6.5ft)						889D-F4AC-2