



## D4NL-4EFG-B

Guard lock safety-door switch, D4NL, M20, 2NC/1NO + 1NC/1NO (slow-action), head: plastic, 24-VDC solenoid lock/mechanical release, 10 to 115 VAC/VDC LED indicator

# Specifications

|                                 |                |
|---------------------------------|----------------|
| Door switch type                | Key-operated   |
| Guard-lock                      | ✓              |
| Material housing                | Plastic        |
| Material head                   | Plastic        |
| Ambient temperature (operating) | -10-55 °C      |
| Connection method               | Screw terminal |
| Cable length                    | 0 m            |
| Direction of operation          | Adjustable     |
| Holding force                   | 1300 N         |
| Door contacts NC                | 2              |
| Door contacts NO                | 1              |
| Lock monitor contacts NC        | 1              |
| Lock monitor contacts NO        | 1              |
| Lock/Release key type           | Standard key   |
| Lock/Release key position       | Bottom         |
| Lock/Release key material       | Resin          |
| Solenoid voltage                | 24 V           |
| LED indicator                   | ✓              |
| Degree of protection (IP)       | IP67           |
| Conduit size                    | M20            |
| Number of conduits              | 2              |
| Switch action                   | Slow action    |
| Shape                           | Cuboid         |

|                          |                               |
|--------------------------|-------------------------------|
| Overall length of sensor | 95 mm                         |
| Height of sensor         | 35.5 mm                       |
| Width of sensor          | 88.5 mm                       |
| Switch without actuator  | ✓                             |
| Lock/Release logic       | Power to lock (Solenoid lock) |

## Accessories



**D4DS-K1**

Operation key for D4NL/NS; horizontal mounting



**D4DS-K2**

Operation key for D4NL/NS; vertical mounting



**D4DS-K3**

Operation key for D4NL/NS; adjustable mounting (horizontal)



**D4DS-K5**

Operation key for D4NL/NS; adjustable mounting (horizontal/vertical)

## CAD Library



### D4NL Instruction Sheet

EN PDF 880 KB



### D4NL Guard Lock Safety-door Switch Datasheet

EN PDF 4.6 MB



### EAC Mark removal Discontinuation Notice

EN PDF 221 KB



### Machine Safety Catalogue

EN PDF 9.91 MB



### Safety Component Selection Guide EU Brochure

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### Safety Interlock Switches Brochure

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### Safety Solution Advanced Guide Guide

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### Safety Solution Basic Guide Guide

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