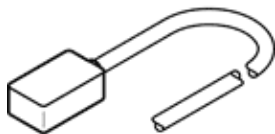


# proximity sensor SDBF-FES-1L-NU-K-9-N-LE

Part number: 8182047

FESTO



## Data sheet

| Feature  | Value                 |
|--|-----------------------|
| Design   | Block design          |
| Materials note                                       | Conforms to RoHS      |
| Measured variable                                    | Position              |
| Measuring principle                                  | Magneto-resistive     |
| Ambient temperature                                  | -4 ... 176 °F         |
| Switch output  | NPN                   |
| Switching element function                           | Normally open contact |
| Switch-on time                                       | 4 µs                  |
| Max. output current                                  | 500 mA                |
| Max. contact rating DC                               | 12 W                  |
| Voltage drop   | 1 V                   |
| Short circuit strength                               | Yes                   |
| Operating voltage range DC                           | 6 ... 24 V            |
| Polarity protected                                   | Yes                   |
| Electrical connection 1, connection type             | Cable                 |
| Electrical connection 1, connection technology       | Open end              |
| Electrical connection 1, number of pins/wires        | 3                     |
| Connector exit direction                             | axial                 |
| Cable sheath colour                                  | Grey                  |
| Material cable sheath                                | PVC                   |
| Mounting type  | With mounting kit     |
| Assembly position                                    | Any                   |
| Housing colour                                       | transparent           |
| Material housing                                     | PA                    |
| Operating status display                             | LED                   |
| Ambient temperature with flexible cable installation | -4 ... 176 °F         |
| Protection class                                     | IP67<br>NEMA 4        |
| PWIS conformity                                      | VDMA24364 zone III    |