

# Proximity switch SDBF-FES-1L-NU-K-9-N-LE

Part number: 8182047

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                              | Value              |
|------------------------------------------------------|--------------------|
| Design                                               | Block design       |
| Note on materials                                    | RoHS-compliant     |
| Measured variable                                    | Position           |
| Measuring principle                                  | Magneto-resistive  |
| Ambient temperature                                  | -20 °C ... 80 °C   |
| Switching output                                     | NPN                |
| Switching element function                           | N/O contact        |
| On time                                              | 0.004 ms           |
| Max. output current                                  | 500 mA             |
| Max. switching capacity DC                           | 12 W               |
| Voltage drop                                         | 1 V                |
| Short-circuit protection                             | yes                |
| DC operating voltage range                           | 6 V ... 24 V       |
| Reverse polarity protection                          | yes                |
| Electrical connection 1, connection type             | Cable              |
| Electrical connection 1, connection technology       | Open end           |
| Electrical connection 1, number of pins/wires        | 3                  |
| Connection outlet orientation                        | Longitudinal       |
| Color cable sheath                                   | Gray               |
| Material of cable sheath                             | PVC                |
| Type of mounting                                     | With mounting kit  |
| Mounting position                                    | Any                |
| Housing colour                                       | Transparent        |
| Housing material                                     | PA                 |
| Switching status indication                          | LED                |
| Ambient temperature with flexible cable installation | -20 °C ... 80 °C   |
| Degree of protection                                 | IP67<br>NEMA 4     |
| LABS (PWIS) conformity                               | VDMA24364 zone III |