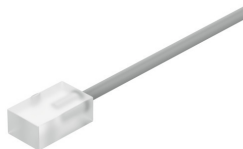


# Proximity switch SDBF-FES-1L-PU-K-N-M8

Part number: 8182048

**FESTO**



## Data sheet

| Feature                                              | Value                              |
|------------------------------------------------------|------------------------------------|
| Design                                               | Block design                       |
| Note on materials                                    | RoHS-compliant                     |
| Measured variable                                    | Position                           |
| Measuring principle                                  | Magneto-resistive                  |
| Ambient temperature                                  | -4 °F...176 °F                     |
| Switching output                                     | PNP                                |
| Switching element function                           | N/O contact                        |
| On time                                              | 4 µs                               |
| 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 with socket                  |
| Electrical connection 1, connection technology       | M8x1 A-coded as per EN 61076-2-104 |
| 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 | -4 °F...176 °F                     |
| Degree of protection                                 | IP67<br>NEMA 4                     |
| LABS (PWIS) conformity                               | VDMA24364 zone III                 |