

# Proximity switch SDBF-FAS-1L-PU-K-0.5-N-M8

Part number: 8106572

FESTO



## Data sheet

| Feature                                              | Value                                              |
|------------------------------------------------------|----------------------------------------------------|
| Design                                               | For C-slot                                         |
| 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                                        |
| Switch-on time                                       | 4 µs                                               |
| Max. output current                                  | 200 mA                                             |
| Max. switching capacity DC                           | 4.8 W                                              |
| Voltage drop                                         | 1 V                                                |
| Short circuit current rating                         | yes                                                |
| Operational voltage range DC                         | 6 V...24 V                                         |
| Reverse polarity protection                          | yes                                                |
| Electrical connection 1, connection type             | Cable with socket                                  |
| Electrical connection 1, connector system            | M8x1, A-coded, to EN 61076-2-104                   |
| Electrical connection 1, number of connections/cores | 3                                                  |
| Connection outlet orientation                        | In-line                                            |
| Cable sheath colour                                  | Black                                              |
| Material cable sheath                                | PVC                                                |
| Type of mounting                                     | Screw-clamped<br>Insertable in the slot lengthwise |
| Mounting position                                    | optional                                           |
| Housing colour                                       | Transparent                                        |
| Switching status indication                          | LED                                                |
| Ambient temperature with moving cable                | -20 °C...80 °C                                     |
| Degree of protection                                 | NEMA 6                                             |
| LABS (PWIS) conformity                               | VDMA24364 zone III                                 |