

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

Part number: 8106572

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                                                 |
|------------------------------------------------------|-------------------------------------------------------|
| Design                                               | for round slot                                        |
| Note on materials                                    | RoHS-compliant                                        |
| Measured variable                                    | Position                                              |
| Measuring principle                                  | Magneto-resistive                                     |
| Ambient temperature                                  | -20 °C ... 80 °C                                      |
| Switching output                                     | PNP                                                   |
| Switching element function                           | N/O contact                                           |
| On time                                              | 0.004 ms                                              |
| Max. output current                                  | 200 mA                                                |
| Max. switching capacity DC                           | 4.8 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                                   | Black                                                 |
| Material of cable sheath                             | PVC                                                   |
| Type of mounting                                     | Screwed tightly<br>Can be inserted in slot lengthwise |
| Mounting position                                    | Any                                                   |
| Housing colour                                       | Transparent                                           |
| Switching status indication                          | LED                                                   |
| Ambient temperature with flexible cable installation | -20 °C ... 80 °C                                      |
| Degree of protection                                 | NEMA 6                                                |
| LABS (PWIS) conformity                               | VDMA24364 zone III                                    |