

**Technical data :**

|                               |              |
|-------------------------------|--------------|
| Rated operating distance (Sn) | 1,5 mm       |
| Mounting mode                 | Flush        |
| Output type                   | PNP          |
| Function                      | NO           |
| Operating voltage             | 10...55 V DC |
| Operating current             | 150 mA       |
| No-load consumption           | < 7 mA       |
| Voltage drop                  | < 2,5 V      |
| Residual current              | < 70 µA      |
| Ambient temperature range     | -25...70 °C  |
| Hysteresis                    | 3...15 %     |
| Repeatability                 | < 5 %        |
| Switching frequency           | 5 kHz        |

**Protection :**

|                              |                        |
|------------------------------|------------------------|
| Reverse polarity protection  |                        |
| Short-circuit protection     |                        |
| Overload protection          |                        |
| IEC 61000-4-2 (ESD)          | 4 kV contact / 8kV air |
| IEC 61000-4-4 (Burst)        | 2kV / 5kHz             |
| IEC 61000-4-6 (RF conducted) | 3V 150kHz...80MHz      |
| Protection degree            | IP67                   |

**Materials :**

|              |                 |
|--------------|-----------------|
| Housing      | Stainless steel |
| Sensing face | PA              |

**Status indication :**

|        |            |
|--------|------------|
| Output | Yellow LED |
|--------|------------|

**Connection :**

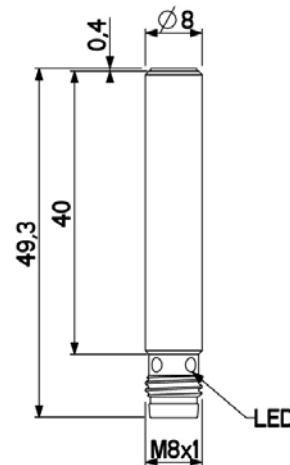
|           |    |
|-----------|----|
| Connector | M8 |
|-----------|----|

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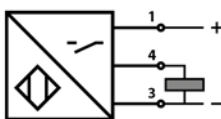
L08



**Dimensions :**



**Connection diagram :**



**Pin assignment :**

