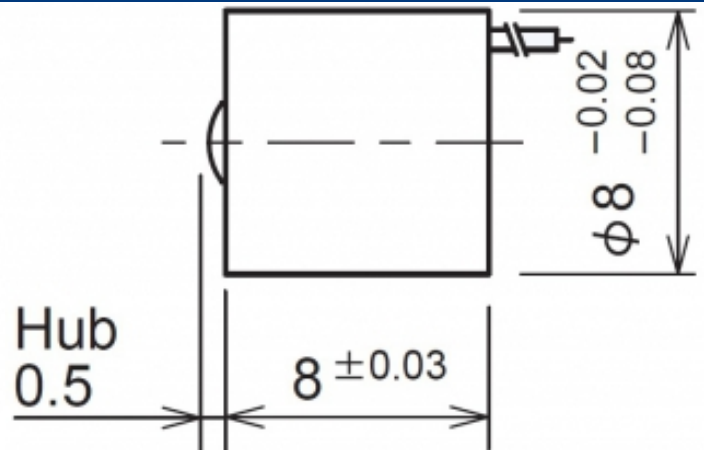
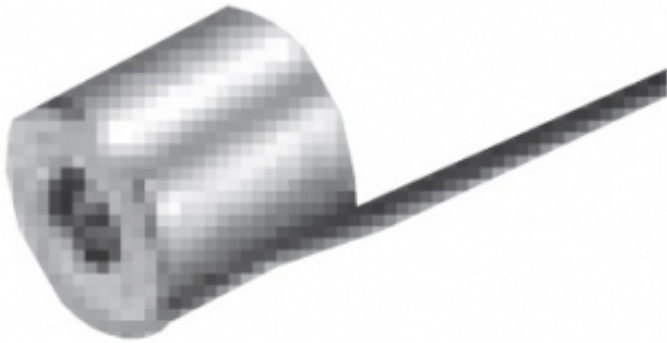
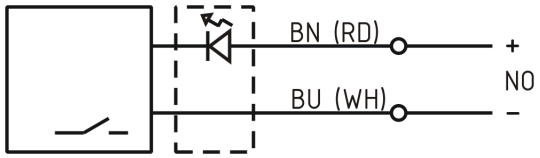


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Product Description

Touch Sensor



|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Name                | STM11A-L                                                                                  |
| Order number        | 08430411001                                                                               |
| Switch type         |  N.O.    |
| Signal Type         | mechanical contact                                                                        |
| Connection          |  Cable |
| Connection diagramm |       |

|                   |               |
|-------------------|---------------|
| Dimension (in mm) | D 8 x l = 8,5 |
| art_gewicht       | 10 g          |

Technical Specification

|                       |                                                |
|-----------------------|------------------------------------------------|
| Operating voltage     | 5 - 24 V DC                                    |
| Max. load current     | 10 mA                                          |
| Switching hysteresis  | 0                                              |
| Operating temperature | 0 ° C to 80 ° C                                |
| Temperature drift     | 0                                              |
| Repeat accuracy       | 0,01 mm (at operating speed 50 ... 200 mm/min) |
| Switching state       | LED                                            |
| Stroke                | 0,5 mm                                         |
| Pre-travel            | 0,25 mm                                        |
| Accuracy              | 0,01 mm                                        |
| Probe tip             | Kegel 3/R 0,75                                 |
| Probe tip material    | Edelstahl                                      |
| Static load           | 1500 N                                         |

|                     |                                             |
|---------------------|---------------------------------------------|
| Operation load      | 0,8 N                                       |
| art_ttl_mech        | 10 Mio. operating cycles                    |
| Protection category | IP44                                        |
| Wiring              | Zweidraht/ Two wire                         |
| Housing material    | Stainless steel V2A                         |
| Termination         | 2 single wires 0.5 m, Ø0.6 mm, oilresistant |
| Approach direction  | axial                                       |

**Errors and omissions exceptet**