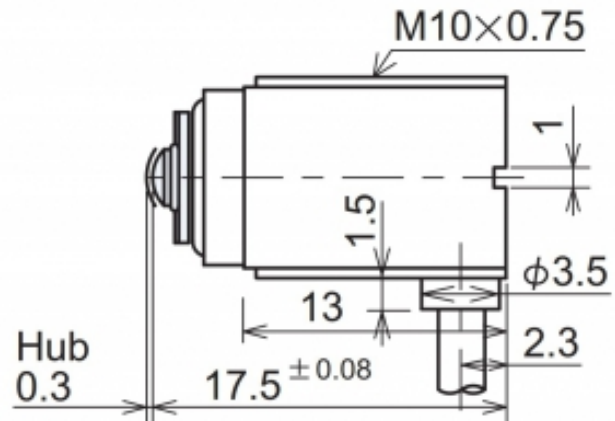
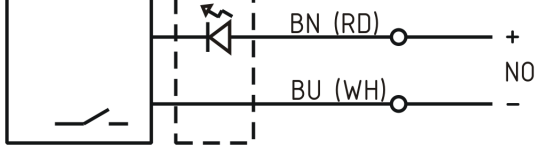


Product Description

Touch Sensor



|                     |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Name                | STM82A-LR                                                                              |
| Order number        | 08430421026                                                                            |
| Switch type         |  N.O. |
| Signal Type         | mechanical contact                                                                     |
| Connection          | Cable 2m                                                                               |
| Connection diagramm |    |

|                   |                                       |
|-------------------|---------------------------------------|
| Dimension (in mm) | fine-pitch thread M10x0,75 x l = 19,8 |
| art_gewicht       | 40 g                                  |

Technical Specification

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Operating voltage     | 5 - 24 V                                        |
| 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                | 0,3 mm                                          |
| Pre-travel            | 0,15 mm                                         |
| Accuracy              | 0,01 mm                                         |
| Probe tip             | Zylinder 2/R 2,5                                |
| Probe tip material    | Edelstahl                                       |
| Static load           | 3000 N                                          |
| Operation load        | 1 N                                             |

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| art_ttl_mech        | 10 Mio. operating cycles                                   |
| Protection category | IP67                                                       |
| Wiring              | Zweidraht/ Two wire                                        |
| Housing material    | Stainless steel V2A                                        |
| Termination         | cable 2 m, 2 wire, sideways (90°), Ø 2.8 mm, oil resistant |
| Approach direction  | axial                                                      |

**Errors and omissions exceptet**