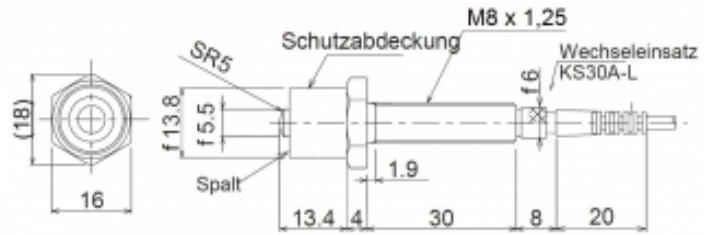
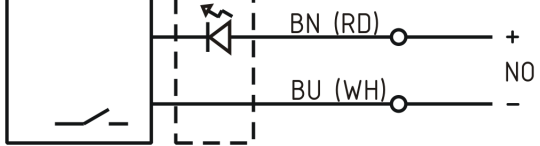


Product Description

Touch Sensor



|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Name                | STP080DA-L                                                                               |
| Order number        | 08430331005                                                                              |
| Switch type         |  - N.O. |
| Signal Type         | mechanical contact                                                                       |
| Connection          | Cable 2m                                                                                 |
| Connection diagramm |      |

|                   |                                      |
|-------------------|--------------------------------------|
| Dimension (in mm) | fine-pitch thread M8x1,25 x l = 55,4 |
|-------------------|--------------------------------------|

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                | 0,7 mm                                         |
| Pre-travel            | 0,35 mm                                        |
| Accuracy              | 0,01 mm                                        |
| Probe tip             | Zylinder 5,5/R 5                               |
| Probe tip material    | Edelstahl                                      |
| Static load           | 5000 N                                         |
| Operation load        | 4 N                                            |
| art_ttl_mech          | 10 Mio. operating cycles                       |

|                     |                                          |
|---------------------|------------------------------------------|
| Protection category | IP67                                     |
| Wiring              | Zweidraht/ Two wire                      |
| Housing material    | Stainless steel V2A                      |
| Termination         | cable 2m, 2 wire, Ø2.8 mm, oil resistant |
| Approach direction  | axial                                    |

**Errors and omissions exceptet**