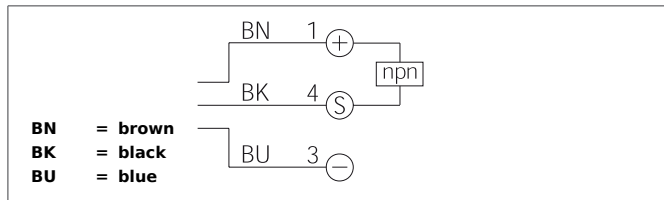
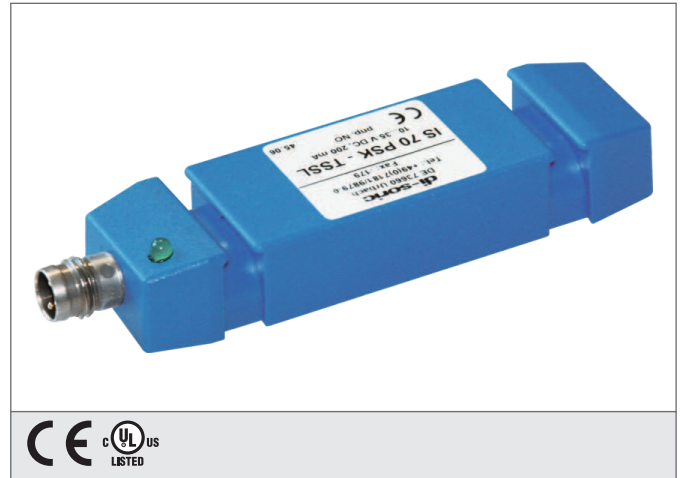


# ISDP 70 NSK-TSSL

## Inductive Tube Sensor

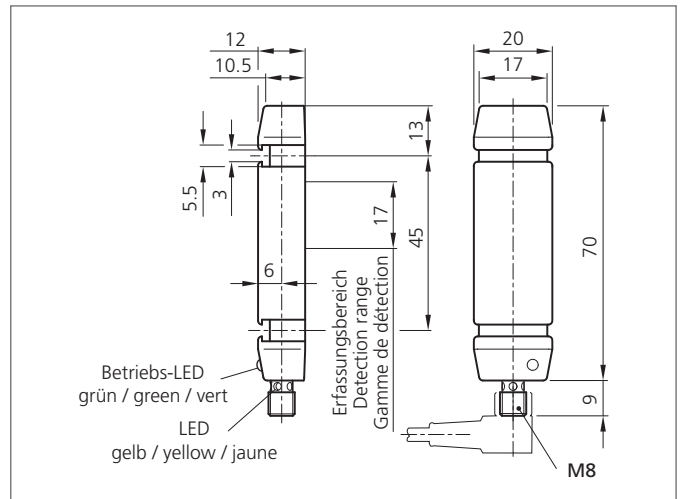
- Standard sensitivity
- Dynamic operating principle
- High resolution
- Compact design
- Low weight
- Metal plug M8
- Slot for quick mounting
- Lace contained in scope of delivery



### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC                           |
|------------------------------|-----------------------------------------|
| Operating principle          | Dynamic                                 |
| Characteristics              | u                                       |
| Operating distance           | 14 mm                                   |
| Service voltage              | 10 ... 35 V DC (Supply Class 2)         |
| Internal power consumption   | < 25 mA                                 |
| Switching output             | npn, 200 mA, NO                         |
| Shock-/vibration load        | 10 ... 55 Hz / 1,0 mm / 30 g            |
| Speed of parts               | < 35 m/s                                |
| Minimum parts speed          | 0,3 m/s                                 |
| Pulse stretching             | 100 ms                                  |
| Display                      | LED: green - operation, yellow - output |
| Voltage drop                 | < 2,0 V                                 |
| Response-/release time       | 0,2 ms / 100 ms                         |
| Ambient temperature          | -25 ... +70 °C                          |
| Insulation voltage endurance | 500 V                                   |
| Protection class             | IP 67                                   |
| Casing material              | plastics (polycarbonate - PC)           |
| Connection                   | Connector, M8, 3-poled                  |
| Connecting cable             | TK ...                                  |