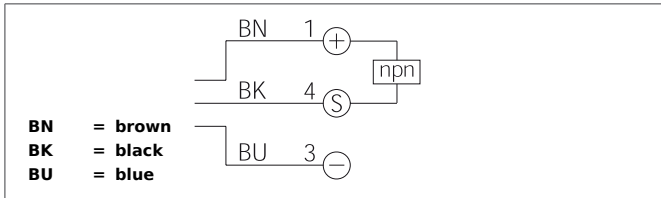
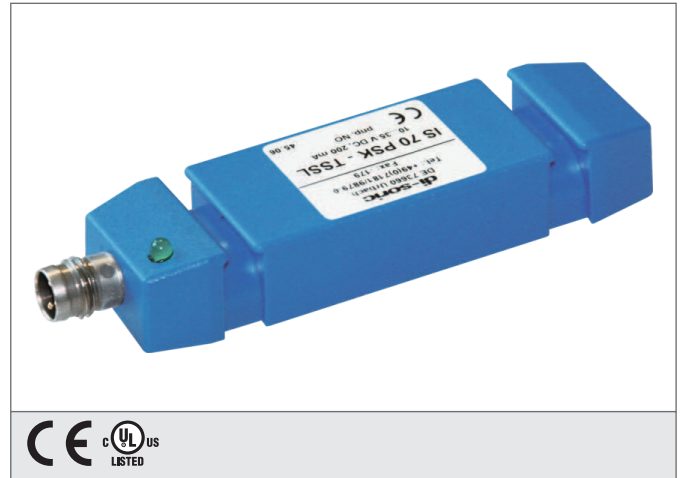


ISD 70 NSK-TSSL

Inductive Tube Sensor

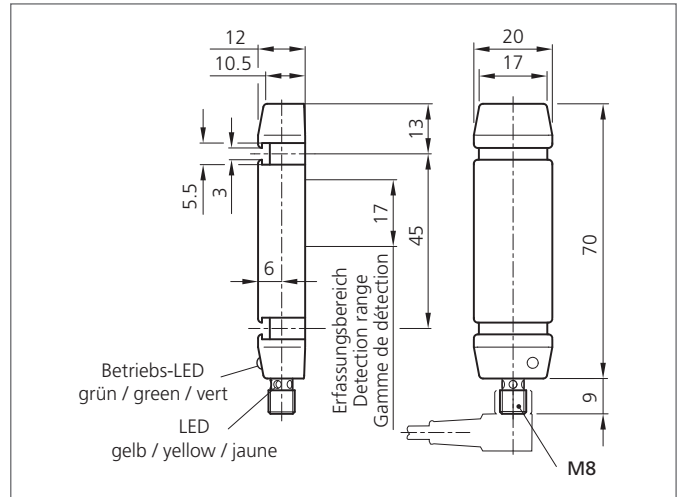
- Increased sensitivity
- Compact design
- High resolution
- Low weight
- Metal plug M8
- Slot for quick mounting
- Lace contained in scope of delivery
- Dynamic operating principle



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		High resolution
Operating distance		20 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 ...