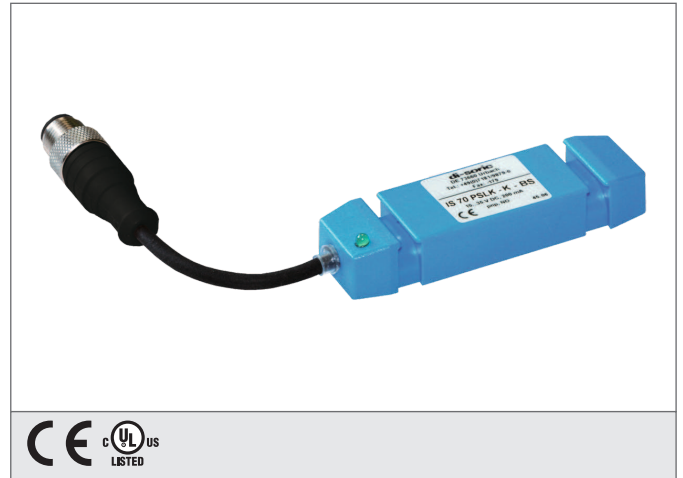


ISD 70 PSLK-K-BS

Inductive Tube Sensor

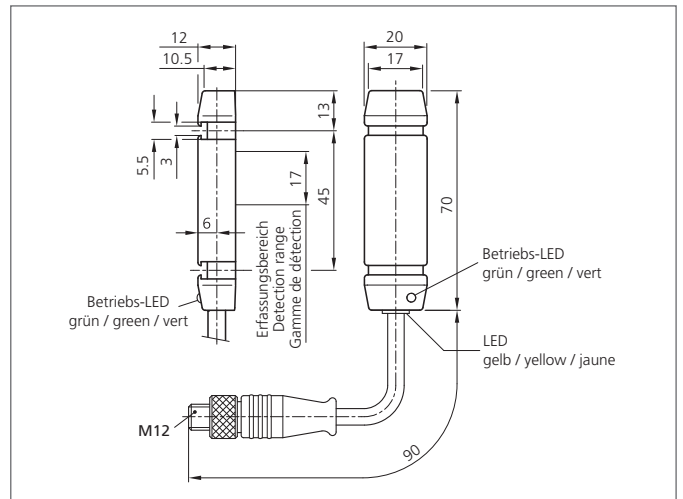
- Increased sensitivity
- Compact design
- High resolution
- Low weight
- Cable with plug M12
- Slot for quick mounting
- Lase contained in scope of delivery
- Dynamic operating principle



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	pnp, 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	cable PUR, + connector M12
Connecting cable	VK ...