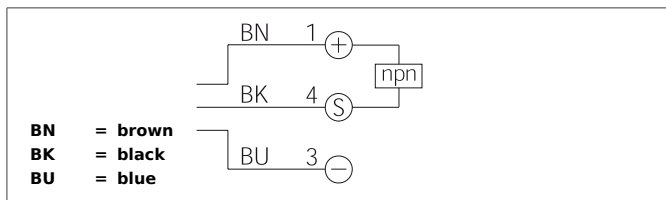


## DCC 18 VL 20 NSK-IBSL

### Inductive Proximity Switch

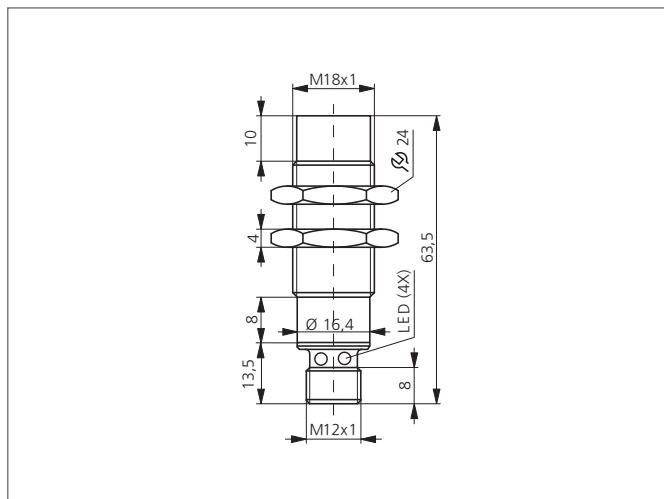
- For food industry
- For seawater applications
- Large sensing range to steel and aluminium
- One-piece stainless steel housing
- Protection class IP 68 and IP 69K
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



#### 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		Inductive
Evaluation		digital
Size		M18 x 1 (thread)
Design		screw
Mounting		non-flush
Characteristics		extremely high operating distance, up to 60 bar, All stainless steel housing
Operating distance		20 mm
Standardized measuring plate		60 x 60 x 1 mm
Service voltage		10 ... 30 V DC
No-load current		< 10 mA
Switching output		npn, 200 mA, NO
Switching hysteresis		< 15 %
Shock/vibration load		10 ... 55 Hz / 1,0 mm / 30 g
Voltage drop		< 2,0 V
Switching frequency		200 Hz
Ambient temperature, operation		-25 ... +85 °C
Insulation voltage endurance		500 V
Protection class		IP 68, IP 69K
Casing material		stainless steel (1.4435 / AISI 316L)
Connection		Connector, M12