

# DCB 18 MB 05 NS-B3

## Inductive Proximity Switch

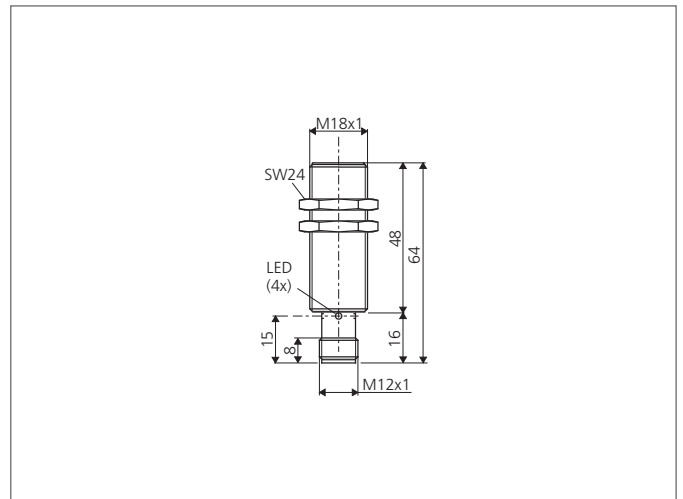
- Metal plug
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- 4 LEDs for easy status display



### 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	flush
Operating distance	5 mm
Standardized measuring plate	18 x 18 x 1 mm
Service voltage	10 ... 30 V DC
Internal power consumption	< 20 mA
Switching output	npn, 400 mA, NO
Switching hysteresis	1 ... 20 %
LED indicator	yes
Voltage drop	< 1,0 V
Switching frequency	600 Hz
Ambient temperature	-25 ... +70 °C
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	brass nickel plated
Material	PBT (Sensor probe)
Connection	Connector, M12, 3-poled