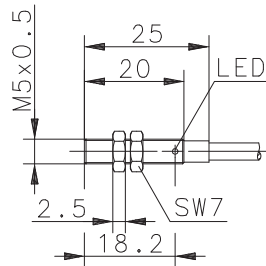
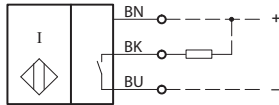


## Inductive Proximity Switch Series M05

Description **KIB-M05NS/001-KL2PU**

Article number **6502399003**

### Wiring Diagram



### Identifying characteristics in accordance with DIN EN 60947-5-2

Electrical data	
Mounting	flush
Rated operating distance	$S_n$ 1 mm
Assured operating distance	$S_a$ 0 ... 0,8 mm
Standard target	5 mm x 5 mm, t=1 mm; material: FE
Switching element function	DC, N.O.
Wiederholgenauigkeit	R < 5 %
Differential travel (hysteresis)	H $\approx$ 5 %
Operational voltage range	$U_B$ 10 - 30 V DC
Rated insulation voltage	$U_i$ 75 V DC
Rated impulse withstand voltage	$U_{imp}$ 500 V
Voltage drop	$U_d$ $\leq$ 1,7 V
Rated operational current	$I_e$ 200 mA
No-load supply current	$I_o$ $\leq$ 13 mA
Switching element	Permanent overload and s.c.p.
Frequency of operating cycles	f $\approx$ 3000 Hz
Mounting	flush
False polarity protection	yes

Mechanical data	
Front cap	LCP, black
Enclosure	Brass, nickel plated
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Indication	LED, yellow
Termination type	Cable 3 x 0,14 mm <sup>2</sup> x 2 m, PVC - Outer jacket, black
For attachment	2 x hexagon nut

### EU Conformity

acc. to directive 2014/30/EU