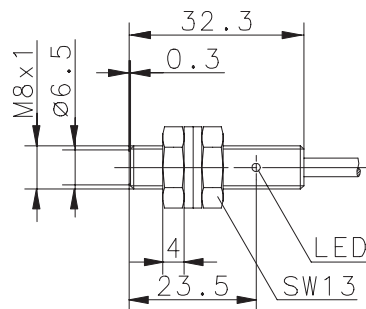
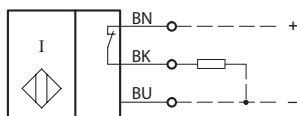


Inductive Proximity Switch Series M08

Description **KIB-M08PÖ/1,5-KL2**

Article number **6502701001**

Wiring Diagram



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	1,5 mm
Assured operating distance	S_a	0 ... 1,2 mm
Switching element function		DC, N.C.
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
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	≤ 1.5 V (add 0.06V per m cable and 200mA load at 20°C)
Utilization category		DC 13
Rated operational current	I_e	≤ 200 mA
Off-state current	I_r	< 0,3 mA
No-load supply current	I_o	< 11 mA
Switching element		permanent overload and s.c.p.
Short-circuit protection		pulsed
Frequency of operating cycles	f	1000 Hz
Mounting		flush
False polarity protection		yes
Time delay before availability	t_v	≤ 50 ms

Mechanical Data	
Front cap	PA6.6, black
Enclosure	stainless steel (Niro 1.4305) (V2A)
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Function indication	LED, yellow
Termination type	Cable 3x0,14mm ² x 2m,PVC-jacket,black
For attachment	2 x hexagon nut and 2 x toothed washer

Product reliability (in acc. with DIN EN 61709 (SN 29500))	
MTTF	> 1150 years (Confidence level (CL) 60 % and average ambient temperature 40°C)
EU Conformity	
acc. to directive 2014/30/EU (EMC-Directive)	