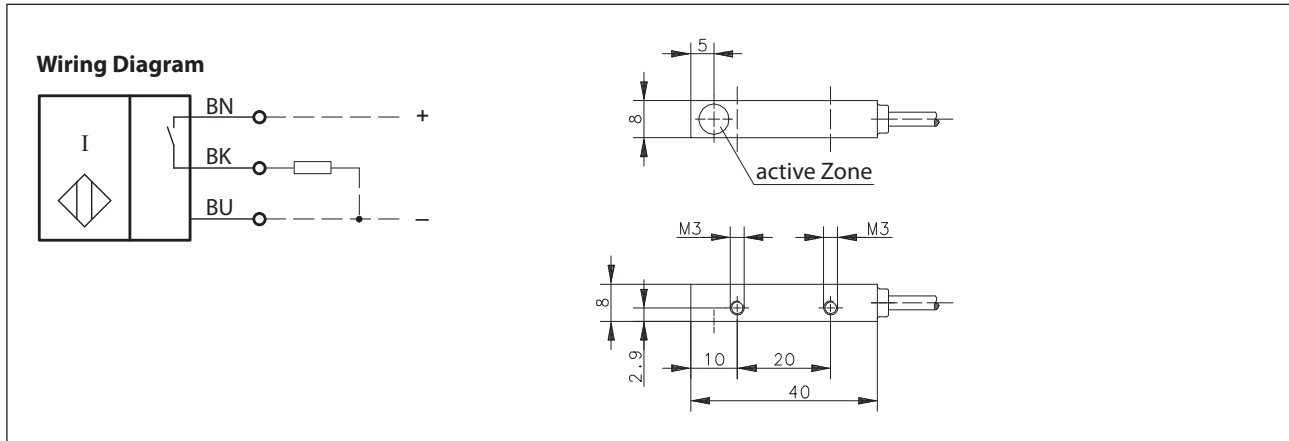


## Inductive Proximity Switch Series Q08

Description **KIB-Q08PS/1,5-K2T**

Article number **6602980087**



### 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.O.
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
Operational voltage range	$U_B$	10 - 36 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. 0,06 V per m cable and 200 mA Load at 20 °C)
Utilization category		DC 13
Rated operational current	$I_e$	200 mA
Minimum operating current	$I_m$	1 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

<b>Electromagnetic compatibility (EMC)</b>	
Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test	IEC 61000-4-4
Radiated disturbance field strength	EN 55011

<b>Mechanical Data</b>	
Enclosure	Brass, nickel plated
Ambient air temperature	0 °C ... +100 °C
Type of protection	IP67
Termination type	Cable 3 x 0,14 mm <sup>2</sup> x 2 m, PVC-Outer jacket, black

<b>EU Conformity</b>	
	acc. to directive 2014/30/EU (EMC-Directive)