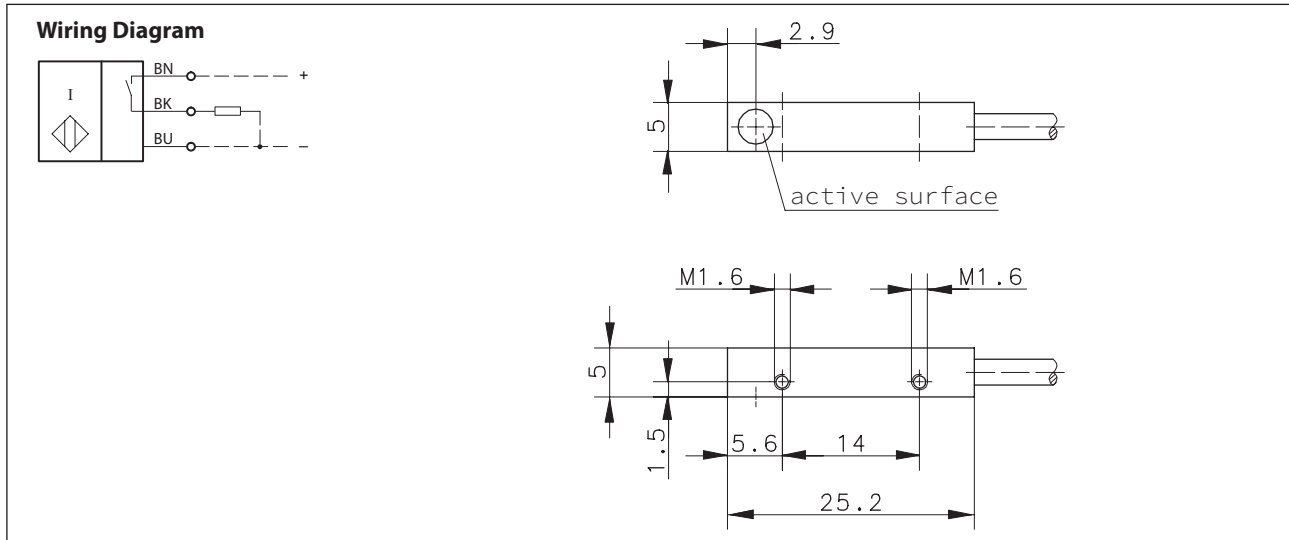


Inductive Proximity Switch Series Q05

Description **KIB-Q05PS/001-K2PU**

Article number **6502999026**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	1 mm
Assured operating distance	S_a	0 ... 0,8 mm
Switching element function		DC, N.O.
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 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	< 0.6 V at 100mA (add 0.15 V per m cable and 200 mA Load at 20 °C)
Utilization category		DC-13
Rated operational current	I_e	≤ 200 mA
No-load supply current	I_o	< 13 mA
Switching element		permanent overload and s.c.p.
Short-circuit protection		pulsed
Frequency of operating cycles	f	3000 Hz
Mounting		flush
False polarity protection		yes
Time delay before availability	t_v	≤ 50 ms

Mechanical Data	
Front cap	PA6.6, black
Enclosure	brass, nickel-plated
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Termination type	Cable 3 x 0.05 mm ² x 2m, PUR jacket, black

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