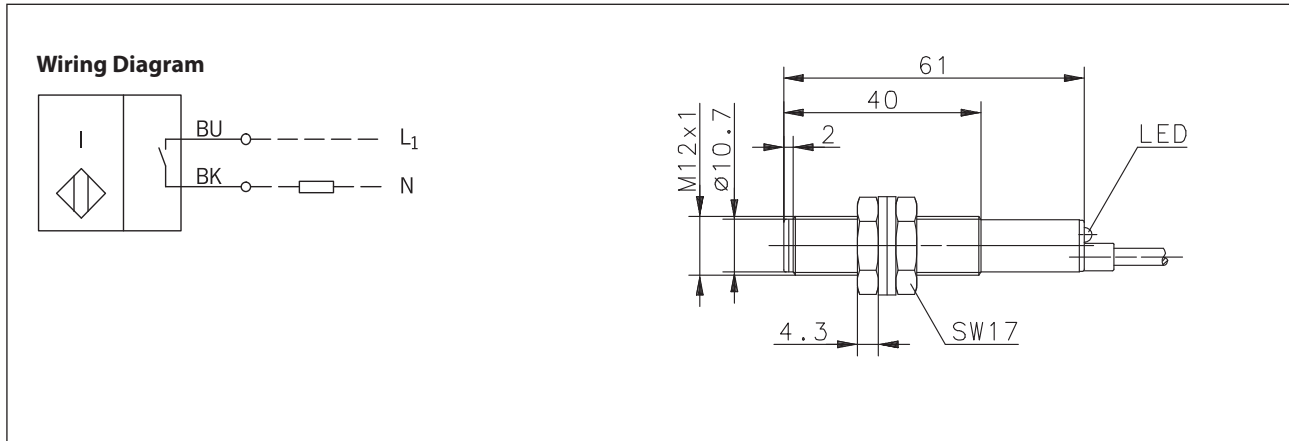


Inductive Proximity Switch Series M12

Description **KIN-T12AS/004-L2**

Article number **6503519001**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	4 mm
Assured operating distance	S_a	0 ... 3,2 mm
Switching element function		AC, N.O.
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
Operational voltage range	U_B	76 - 250 V AC
Rated insulation voltage	U_i	250 V AC
Rated impulse withstand voltage	U_{imp}	500 V
Voltage drop	U_d	< 10 V
Utilization category		AC-140
Rated operational current	I_e	200 mA
Off-state current	I_r	< 2,5 mA
Inrush current	I_k	1 A
Short-circuit protection		none
Frequency of operating cycles	f	≈ 25 Hz
Rated supply frequency		45-65 Hz
Mounting		non flush
False polarity protection		reverse polarity protection
Time delay before availability	t_v	≤ 100 ms
Protection class		II (totally insulated)

Mechanical Data	
Enclosure	PA 6, red
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Indication	LED, yellow
Termination type	Cable 2 x 0,14 mm ² x 2 m, PVC-Outer jacket, black
For attachment	2 x hexagon nut and 2 x washer

EU Conformity	
	acc. to directive 2014/30/EU (EMC-Directive)
	acc. to directive 2014/35/EU (Low-Voltage-Directive)