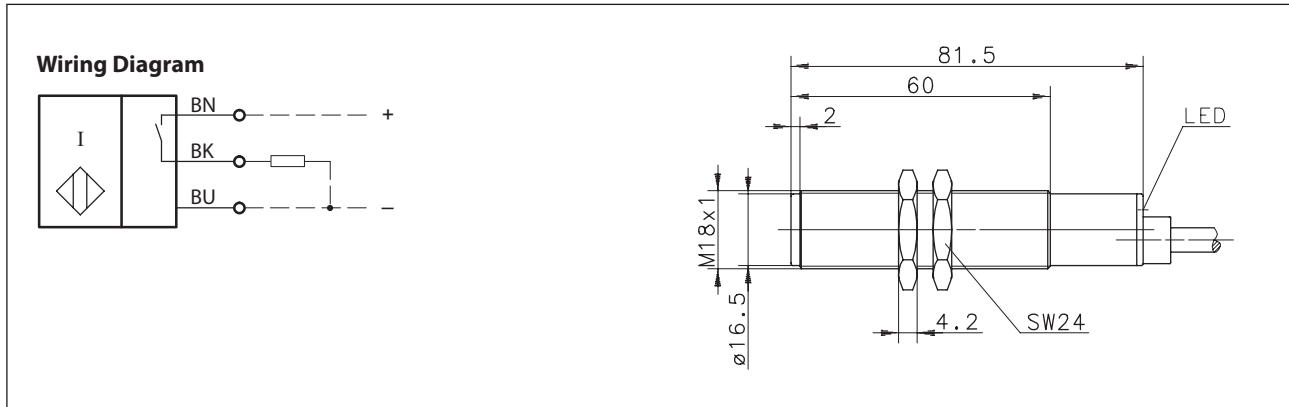


Inductive Proximity Switch Series T18

Description **KIN-T18PS/008-KL2**

Article number **6502921975**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	8 mm
Standard target		24 mm x 24 mm, t = 1 mm; Material: FE360
Real sensing distance	S_r	7,2 ... 8,8 mm
Assured operating distance	S_a	0 ... 6,5 mm
Switching element function		N.O., DC
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
Operational voltage range	U_B	10 - 60 V DC
Rated insulation voltage	U_i	75 V DC
Rated impulse withstand voltage	U_{imp}	500 V
Voltage drop	U_d	≤ 2,5 V
Utilization category		DC-13 at $I_e = 50$ mA and $U_e = 33$ V DC
Rated operational current	I_e	200 mA
Off-state current	I_r	< 0,1 mA
No-load supply current	I_0	< 8 mA
Frequency of operating cycles	f	200 Hz
Rated supply frequency		50/60 Hz
Mounting		non flush
Protection class		II
Time delay before availability	t_v	≤ 50 ms

Mechanical Data	
End cap	PA 12, black
Enclosure	PA 6, red
Temperature range	- 5 °C ... + 70 °C (cable not fixed mounted) - 25 °C ... + 70 °C (cable fixed mounted)
Type of protection	IP67
Pollution degree	3 (Pollution of the active zone can cause impairments of the operating distances.)
Indication	LED yellow
Termination type	Cable 3 x 0,5 mm ² x 2 m ± 5 %, PVC - Outer jacket, black
For attachment	2 x hexagon nut, PA 6.6, black

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