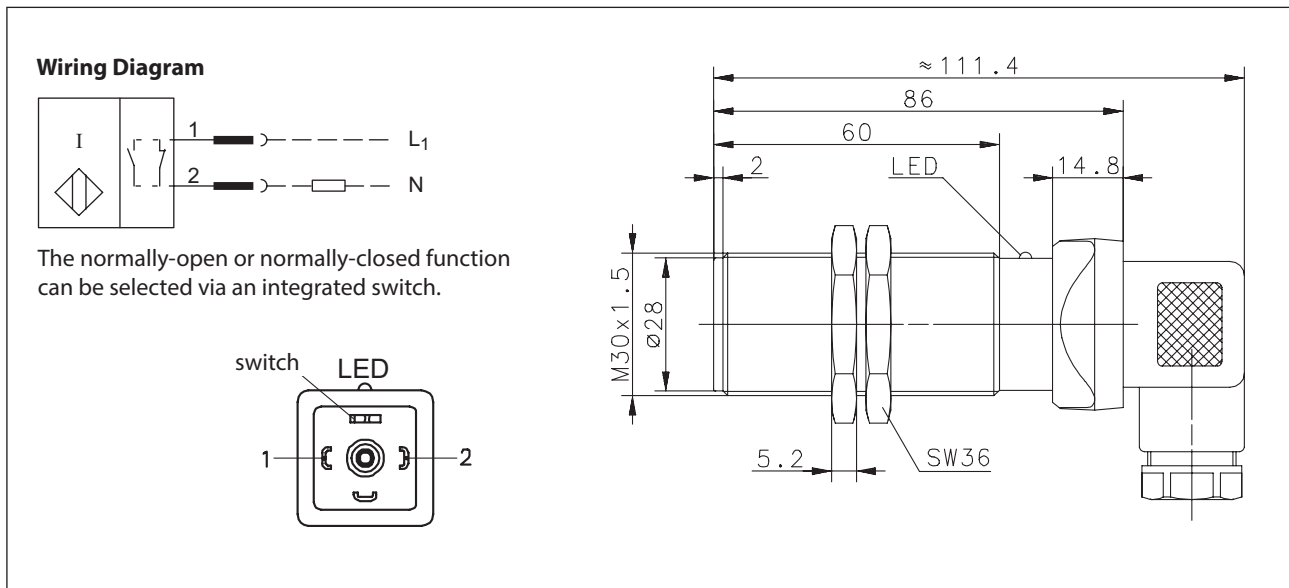


## Inductive Proximity Switch Series T30

Description **KIN-T30AP/015-LSD**

Article number **6503536868**



### Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	$S_n$	15 mm
Standard target		45 mm x 45 mm, t = 1 mm; Material: FE360
Real sensing distance	$S_r$	13,5 ... 16,5 mm
Assured operating distance	$S_a$	0 ... 12,2 mm
Switching element function		programmable, AC
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
Operational voltage range	$U_B$	20 - 265 V AC
Rated impulse withstand voltage	$U_{imp}$	2500 V
Protection class		II, totally insulated
Voltage drop	$U_d$	≈ 5 V
Utilization category		AC-140
Rated operational current	$I_e$	400 mA
Off-state current	$I_r$	< 2 mA
Inrush current	$I_k$	3 A
Frequency of operating cycles	f	≈ 10 Hz
Rated supply frequency		50/60 Hz
Mounting		non flush
Time delay before availability	$t_v$	≤ 100 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	PA 6, red
End cap	PA 6, black
Ambient air temperature	-25 °C ... +70 °C (plug: -30 °C .... +120 °C)
Type of protection	IP65 (only in fully locked position with it's plugs)
Pollution degree	3 (Pollution of the active zone can cause impairments of the operating distances.)
Indication	LED yellow
Termination type	Connection in dependence on DIN EN 175301-803
For attachment	2 x hexagon nut

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