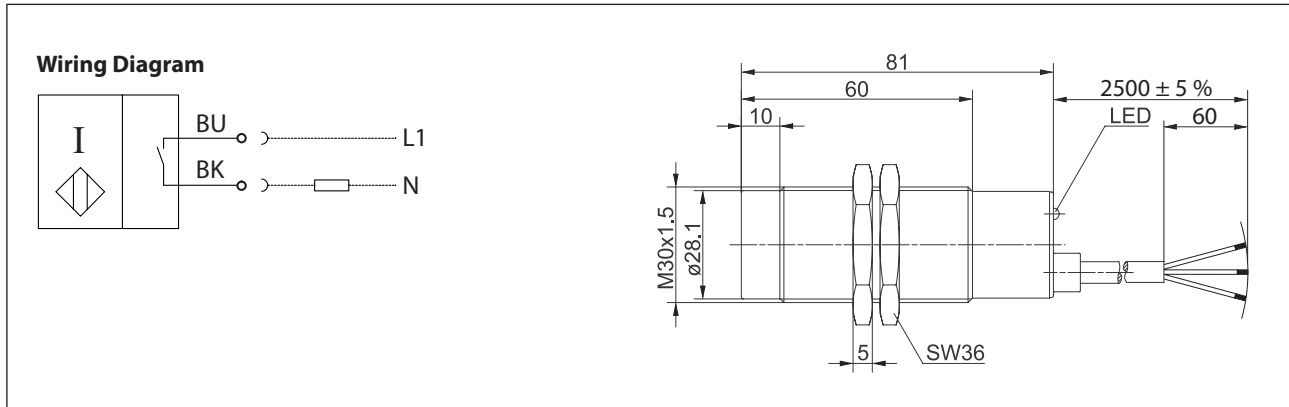


## Inductive Proximity Switch Series M18

Description **KIN-M30AS/015-L2,5**

Article number **6503508246**



### 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
Mounting		non flush
Switching element function		AC, N.O.
Repeat accuracy	R	≤ 5 %
Differential travel (hysteresis)	H	≈ 10 %
Rated operational voltage	$U_e$	230 V AC
Operational voltage range	$U_b$	20 – 250 V AC
Rated insulation voltage	$U_i$	250 V AC
Voltage drop	$U_d$	≈ 5 V
Utilization category		AC 140
Rated operational current	$I_e$	≤ 400 mA
Minimum operational current	$I_m$	5 mA
Off-state current	$I_r$	< 2 mA
Short-time current	$I_k$	3 A
Short-circuit protection		without
Frequency of operating cycles	f	≈ 10 Hz
Rated supply frequency		45 – 65 Hz
Protection class		II
Time delay before availability	$t_v$	< 50 ms

<b>Mechanical Data</b>	
Front cap	LCP, black
Enclosure	Brass, nickel plated
Endcap	PA 12, black
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Degree of pollution	3 (pollution of the active region, there can may be a deterioration of the operating distance)
Indication	LED yellow
Termination type	Cable 2 x 0,5 mm <sup>2</sup> , PVC - Outer jacket, black
For attachment	2 x hexagon nut

<b>EU Conformity</b>	
acc. to directive 2014/35/EU (Low-Voltage-Directive)	