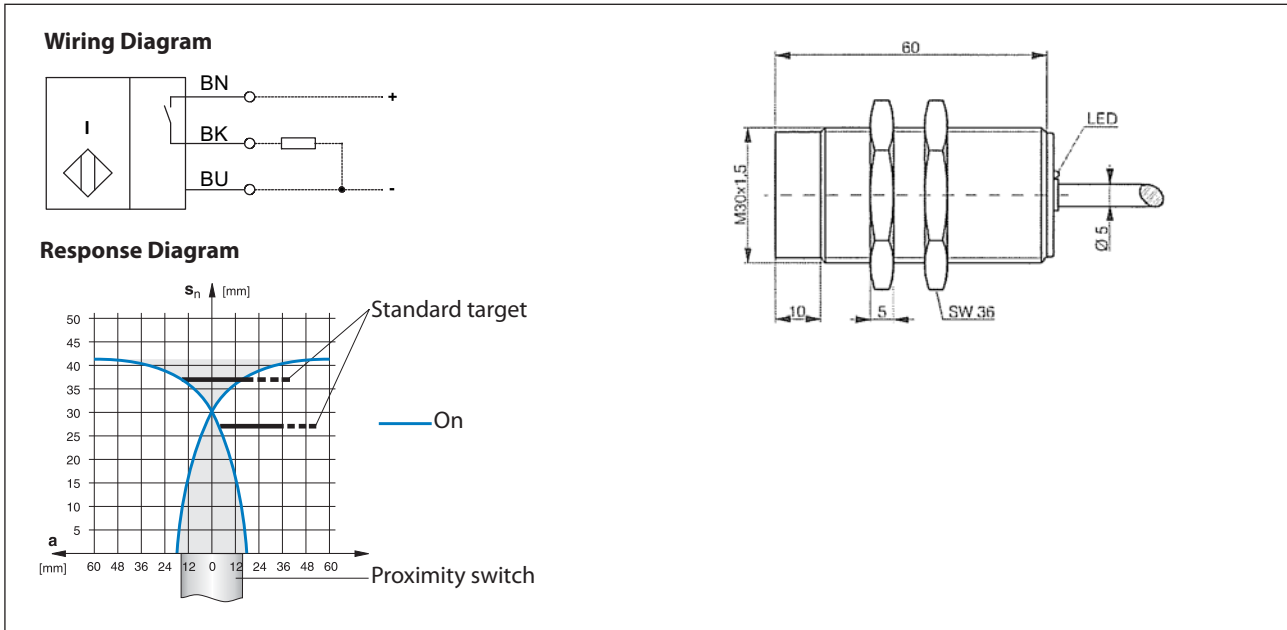


Inductive Proximity Switch

Series M30

Description **KIN-M30PS/040-KL2E**

Article number **6502908009**



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Rated operating distance	S_n	40 mm
Hysteresis		$\approx 10\% S_r$
Standard target		120 mm x 120 mm x 1 mm
Repeat accuracy		2 mm ($U_B = 20 - 30\text{ V DC}$, $T_A = 23\text{ °C} \pm 5\text{ °C}$)
Supply voltage range	U_B	10 ... 30 V DC
Max. ripple content		$\leq 20\% U_B$
Output current		$\leq 200\text{ mA}$
Output voltage drop		$\leq 2,0\text{ V}$ at 200 mA
No-load supply current		$\leq 10\text{ mA}$
Leakage current		$\leq 0,1\text{ mA}$
Switching frequency		$\leq 100\text{ Hz}$
Switching element function		DC, N.O.
Mounting		non flush
Time delay before availability		200 msec.
Temperature drift of S_r		$\leq 10\%$
Short circuit protection		built-in
Voltage reversal protection		built-in
Induction protection		built-in
Shocks and vibration		IEC 60947-5-2 / 7.4

EMV protection	
IEC 60255-5	5 kV
IEC 61000-4-2	Level 2
IEC 61000-4-3	Level 3
IEC 61000-4-4	Level 2

Mechanical Data	
Sensing face	PBTP
Housing material	cr-plated brass
Ambient air temperature	-25 °C ... +70 °C
Degree of protection	IP67
LED	built-in
Connection cable	PVC 3x 0,34 mm ² / 7 x 0,25 mm Ø; 2m
For attachment	2 x hexagon nut

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