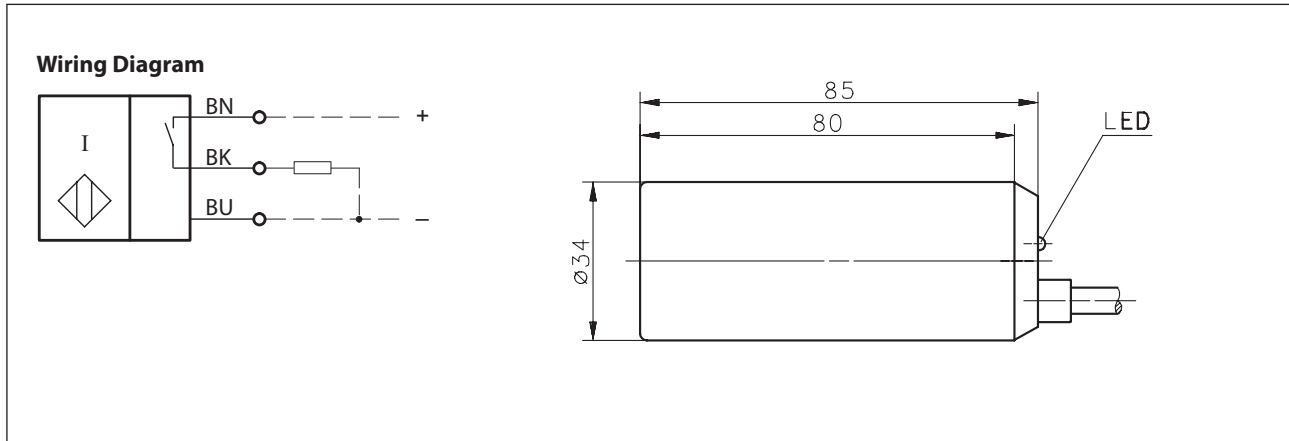


## Inductive Proximity Switch Series M30

Description **KIN-R34PS/020-KL2**

Article number **6502915002**



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

Electrical data		
Rated operating distance	$S_n$	20 mm
Assured operating distance	$S_a$	0 ... 16,2 mm
Switching element function		DC, N.O.
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 und $U_e = 33$ V DC
Rated operational current	$I_e$	≤ 200 mA
Off-state current	$I_r$	< 0,1 mA
No-load supply current	$I_o$	< 8 mA
Switching element		Permanent overload and s.c.p.
Short-circuit protection		pulsed
Frequency of operating cycles	f	100 Hz
Mounting		non flush
False polarity protection		yes
Time delay before availability	$t_v$	< 50 ms

<b>Mechanical Data</b>	
Enclosure	PBT, red
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67
Function display	LED, yellow
Termination type	Cable 3 x 0.5mm <sup>2</sup> x 2 m, PVC jacket, black

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