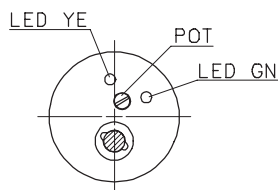
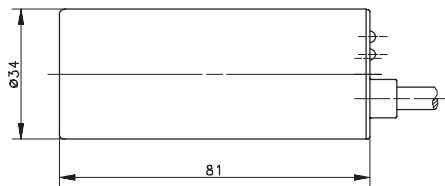


Type: **KCN-R34PS/030-KLP6**

 Art.-Nr.: **650.7915.003**

04.05.05/0372-05



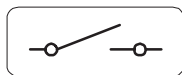
Allgemeine Kenndaten

Gehäuse	PBT, Farbe: rot
Schutzart	IP 67
Umgebungstemperatur	-25 °C bis +70 °C
Anschlußart	Kabel 3 x 0,5 mm ² x 6 m
Gegen beliebiges Verpolen der Anschlußleitungen geschützt	
Transientenfestigkeit	500 V; 1,2/50 µs bei Ri = 42 Ω
Ausgang dauerkurzschluß- und Überlastfest	
Funktionsanzeige	2 LED ¹⁾
Schaltabstand einstellbar	ja

Sonderheiten / Anmerkungen

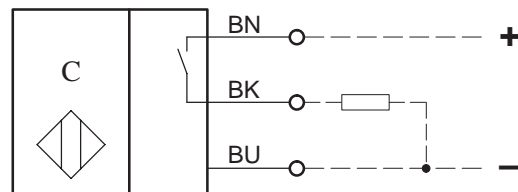
- 1) Betriebsspannung : LED = grün
 Ausgang : LED = gelb

Schaltungsart



Plus-Schließer, DC
 Bei Bedämpfung schaltet PNP Transistor Ausgang an Plus

Anschlußschema:

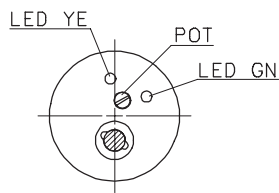
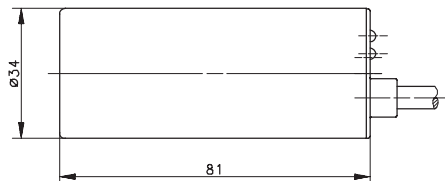


Spezielle Kenndaten

Bemerkungen

Spezielle Kenndaten	Bemerkungen
Bemessungsschaltabstand s_n	30 mm $s_r = s_n \pm 10\%$
Erfassungsbereich s_d	6 ... 30 mm
Einbauart	nicht bündig
Nennspannung U_e	12 – 48 V DC
Betriebsspannung U_B	10 – 60 V DC
Schaltstrom I_e	≤ 400 mA
Reststrom I_R	≤ 0,5 mA
Stromaufnahme ohne Last I_o	≤ 20 mA
Spannungsabfall U_d	< 3 V
Schalthysterese H	≤ 20 %
Reproduzierbarkeit R	≤ 10 %
Bereitschaftsverzug t_v	< 50 ms
Schaltfrequenz f	≈ 25 Hz

Type: KCB-R34PS/030-KLP6	Art.-No.: 650.7915.003	04.05.05/0372-05
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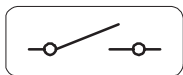
General Features

housing	PBT, red
protection	IP 67; NEMA 4
operating temperature	-25°C to 70°C
termination type	cable 3 x 0,5 mm ² x 6 m
protection against reverse supply polarity	
max. transient voltage rate	500 V; 1,2/50 μs at Ri = 42 Ω
permanent overload and s.c.p.	
indication	2 LED ¹⁾
sensing distance adjustable	

Options / Comments

¹⁾ Indicator LED:
operating voltage: LED = green
output: LED = yellow

Electrical Output

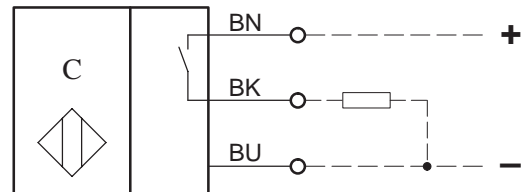


Make (normally open)

PNP

The sensor switches the load to the positive terminal.

Wiring Diagram:



Characteristics

Remarks

rated operating distance	s_n	30 mm	$s_r = s_n \pm 10 \%$
sensing range	s_d	6 ... 30 mm	
mounting		non flush	
rated operational voltage	U_e	12 – 48 V DC	
operational voltage range	U_B	10 – 60 V DC	incl. ripple frequency
rated operational current	I_e	≤ 400 mA	
off-state current	I_R	≤ 0,5 mA	
non-load supply current	I_o	≤ 20 mA	
voltage drop	U_d	< 3 V	
hysteresis	H	≤ 20 %	relative to s_r
repeat accuracy	R	≤ 10 %	
time delay before availability	t_v	< 50 ms	
frequency of operating cycles	f	≈ 25 Hz	