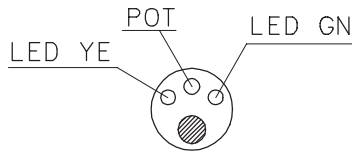
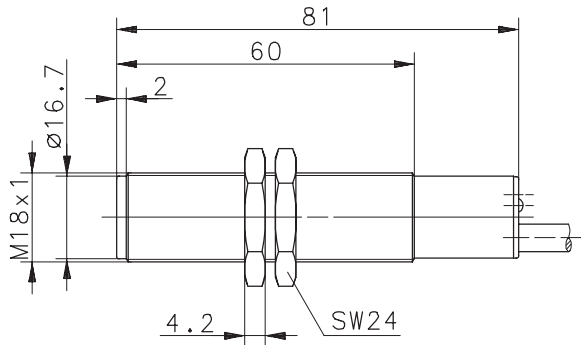


Type: **KCN-T18PÖ/008-KLP5**

 Art.-Nr.: **660.7721.317**

04.05.05/0372-05



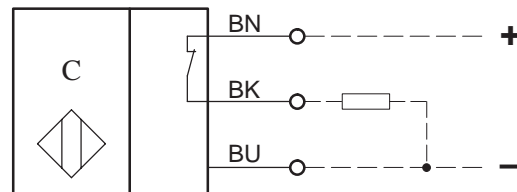
Allgemeine Kenndaten

| | |
|---|-------------------------------------|
| Gehäuse | PP, braun |
| Schutzart | IP 67 |
| Umgebungstemperatur | -25 °C bis +70 °C |
| Anschlußart | Kabel 3 x 0,5 mm ² x 5 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 |

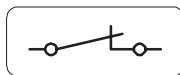
Sonderheiten / Anmerkungen

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

Anschlußschema:



Schaltungsart



Plus-Öffner, DC
 Bei Bedämpfung trennt PNP
 Transistor Ausgang von Plus

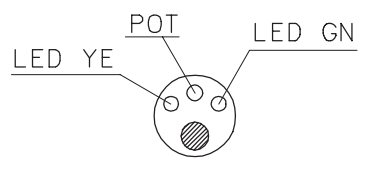
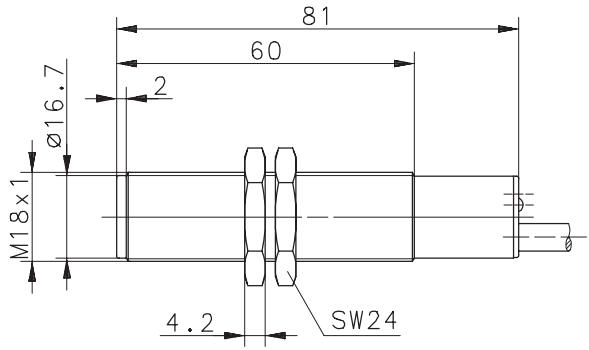
Spezielle Kenndaten

Bemerkungen

| | | | |
|---|----------------|--------------|---------------------------------------|
| Bemessungsschaltabstand | s _n | 8 mm | s _r = s _n ±10 % |
| Erfassungsbereich | s _d | 1 ... 8 mm | |
| Einbauart | | nicht bündig | |
| Bemessungsbetriebsspannung | U _e | 12 – 48 V DC | |
| Bemessungsbetriebsspannungsbereich U _B | | 10 – 60 V DC | einschließlich Restwelligkeit |
| Bemessungsbetriebsstrom | I _e | ≤ 200 mA | |
| Reststrom | I _R | ≤ 0,5 mA | |
| Leerlaufstrom | I _o | ≤ 20 mA | |
| Spannungsfall | U _d | ≤ 2 V | bei 200 mA |
| Hysterese | H | ≤ 20 % | bezogen auf s _r |
| Wiederholgenauigkeit | R | ≤ 10 % | |
| Bereitschaftsverzug | t _v | ≤ 50 ms | |
| Schaltfrequenz | f | ≈ 25 Hz | |

Potibohrung ist mittels Scheibe und Schraube verschlossen.

| | | |
|---------------------------------|-------------------------------|------------------|
| Type: KCN-T18PÖ/008-KLP5 | Art.-No.: 660.7721.317 | 04.05.05/0372-05 |
|---------------------------------|-------------------------------|------------------|




| General Features | |
|--|-------------------------------------|
| housing | PP, brown |
| protection | IP 67; NEMA 4 |
| operating temperature | -25°C to 70°C |
| termination type | cable 3 x 0,5 mm ² x 5 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

Wiring Diagram:

Electrical Output



PNP

The sensor switches the load to the positive terminal.

| Characteristics | | | Remarks |
|--------------------------------|-------|--------------|------------------------|
| rated operating distance | s_n | 8 mm | $s_r = s_n \pm 10 \%$ |
| sensing range | s_d | 1 ... 8 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 | ≤ 200 mA | |
| off-state current | I_R | ≤ 0,5 mA | |
| non-load supply current | I_o | ≤ 20 mA | |
| voltage drop | U_d | ≤ 2 V | at 200 mA |
| 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 | |

Potentiometer is sealed by screw and washer.