### Capacitive Sensors

**Series 80 - PNP**

**Housing Ø = 26 mm / M 30 / 40 mm**
- Housing material PTFE
- SIP / CIP 121° C
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)
- Withflange connector M 12 x 1

#### Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating distance Sn</td>
<td>5 mm</td>
</tr>
<tr>
<td>Operating distance min./max. adjustable</td>
<td>0...20 mm</td>
</tr>
<tr>
<td>Electrical version</td>
<td>4-pin DC</td>
</tr>
<tr>
<td>Output</td>
<td>Antivalent (NO + NC)</td>
</tr>
</tbody>
</table>

#### Type NPN

**Art.-No.**

**KAS-80-26-A-PTFE-M30-Y5**

**Art.-No.**

**KA 0689**

**Connection diagram No.**

6

- Operating voltage \( (U_{op}) \) 10...35 V DC
- Output current max. \( (I_o) \) 2 x 250 mA
- Load current min.
- Voltage drop max. \( (U_d) \) \( \leq 2.0 \) V
- Permitted residual ripple max.
- No-load current \( (I_n) \) Typ. 15 mA
- Frequency of operating cycles max.
- Permitted ambient temperature -25...+70° C / CIP 121° C (zero-current)
- LED-display Green/yellow
- Protective circuit Built-in

**Degree of protection IEC 60529**

IP 67

**Norm**

EN 60947-5-2

**Connection**

Flange connector M 12 x 1

**Housing material**

PTFE (FDA 21 CFR 177.1550)

**Active surface**

PTFE (FDA 21 CFR 177.1550)

**Lid**

PA

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*All specifications are subject to change without notice.*

(23.01.2009)

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Made in Germany

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**Certificate:**

CE

ETL

REACH

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