For rotary potentiometers or rotary pulse generators with round shaft ends in accordance with DIN 41591, including touch function.


One could not have chosen a more suitable name, for the STAR-KNOBS – like the stars in the sky – they represent the visual highlights of your equipment.

The illumination guides the user to the central user interface and also gives impressive emphasis on innovative equipment design.

The STAR-KNOBS are available flush-fitting or surface-mounted.

Sizes (mm) ø 33, ø 41

Knob colours

Cover colours

Fastening
Tried and tested collet fixture system with secure fit on the axle.

detailed drawings see our website www.okw.com
The flush-fitting installation in the build-in version of the STAR-KNOBS represents an attractive transition from the knob to the front of the device.

Your advantage: there are no projecting operating elements that can be actuated unintentionally.

The finger recess in the lid as well as knurls on the knob guarantee ergonomic operation.

An assembly support for mounting and adjustment is available as an accessory.

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**Backlight**

Optional illumination possible with modern, energy-saving SMD LED technology.

- **With white backlight** you can realize the colours diamond, ruby, emerald and sapphire.
- **RGB**
  
  For individual colours there is a RGB backlight available. In this way you can display your own colour.

---

**ILLUMINATION**

With the flush-fitting version the knob can be illuminated, that is, a ring lights up between the recess and the knob cover.

For this please order the translucent knob.

The suitable PCB with LED illumination is available as accessory: white / RGB backlight.

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**assembly instruction see our website**

[www.okw.com](http://www.okw.com)
STAR-KNOBS SURFACE-MOUNTED

THE PRODUCT

One could not have chosen a more suitable name, for the STAR-KNOBS – like the stars in the sky – they represent the visual highlights of your equipment.

The illumination guides the user to the central user interface and also gives impressive emphasis on innovative equipment design.

The STAR-KNOBS are available flush-fitting or surface-mounted.

APPLICATIONS

For rotary potentiometers or rotary pulse generators with round shaft ends in accordance with DIN 41591, including touch function.

- Measuring and control technology.
- Medical field and laboratory technology. Wellness.
- Heating and air conditioning.
- Communication. Building.

Sizes (mm)
ø 33, ø 41

Knob colours

Cover colours

Fastening
Tried and tested collet fixture system with secure fit on the axle.

detailed drawings see our website
www.okw.com

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With the surface-mounted version, the knob design makes a great impression thanks to the slight inclination of the body towards the inner axis, thus allowing ergonomically favourable operation.

An assembly support for mounting and adjustment is available as an accessory.

For this please order the translucent assembly kit.

The suitable PCB with LED illumination is available as accessory: white / RGB backlight.
## STAR-KNOBS

### Information on pages 98-101

#### KNOB

<table>
<thead>
<tr>
<th>Knob ø</th>
<th>Borehole D</th>
<th>Torque (Nm)</th>
<th>assembly function</th>
<th>Dim. in mm</th>
<th>Colour</th>
<th>PA</th>
<th>Part-No.</th>
<th>PC**</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>6 mm</td>
<td>1.5</td>
<td>1.2</td>
<td>1/4&quot;</td>
<td>1.5</td>
<td>1.2</td>
<td>B 80 33 068</td>
<td>B 81 33 068</td>
</tr>
<tr>
<td>41</td>
<td>6 mm</td>
<td>1.5</td>
<td>1.2</td>
<td>8 mm</td>
<td>1.5</td>
<td>1.2</td>
<td>B 80 41 068</td>
<td>B 81 41 068</td>
</tr>
</tbody>
</table>

#### COVERS

<table>
<thead>
<tr>
<th>Covers</th>
<th>For knob ø</th>
<th>Dim. in mm</th>
<th>Colour</th>
<th>Part-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>a b c d</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>29</td>
<td>28 9 1.7</td>
<td>B 86 33 008</td>
<td>B 86 33 108</td>
</tr>
<tr>
<td>41</td>
<td>37</td>
<td>36 11 1.7</td>
<td>B 86 41 008</td>
<td>B 86 41 108</td>
</tr>
</tbody>
</table>

#### ASSEMBLY KIT

<table>
<thead>
<tr>
<th>Flush-fitting version</th>
<th>For knob ø</th>
<th>Dim. in mm (for front panel cutouts see drawings on the internet, panel thickness min. 1 mm, max. 3 mm)</th>
<th>Colour visible parts</th>
<th>Part-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33</td>
<td></td>
<td></td>
<td>B 87 33 118</td>
</tr>
<tr>
<td></td>
<td>41</td>
<td></td>
<td></td>
<td>B 87 41 118</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surface-mounted version</th>
<th>For knob ø</th>
<th>Dim. in mm (for front panel cutouts see drawings on the internet, panel thickness min. 1 mm, max. 3 mm)</th>
<th>Colour visible parts*2</th>
<th>Part-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33</td>
<td></td>
<td></td>
<td>B 87 33 218</td>
</tr>
<tr>
<td></td>
<td>41</td>
<td></td>
<td></td>
<td>B 87 41 218</td>
</tr>
</tbody>
</table>
Minimum components for 1 STAR-KNOB: 1 knob, 1 cover and 1 assembly kit.

**STAR-KNOBS ACCESSORIES**

<table>
<thead>
<tr>
<th>Article</th>
<th>For knob ø</th>
<th>Version / Application</th>
<th>Part-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 LED illumination</td>
<td>33, 41</td>
<td>“white backlight”, PCB ø 27 mm with 6 LEDs, SMD-technology, connecting cable 100 mm long, 2-pin connector at the end, incl. PCB connector, for knob/assembly kit in translucent (diamond/ruby/emerald/sapphire)</td>
<td>B 87 33 000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“RGB Backlight”, PCB ø 27 mm with 4 LEDs, without controller, SMD-technology, connecting cable 150 mm long, 4-pin connector at the end, incl. PCB connector, for knob/assembly kit in translucent (diamond)</td>
<td>B 87 33 002</td>
</tr>
<tr>
<td>2 Round nut</td>
<td>33, 41</td>
<td>for mounting of potentiometer at the assembly kit</td>
<td></td>
</tr>
<tr>
<td>3 Spanner</td>
<td>33, 41</td>
<td>for tightening round nuts</td>
<td></td>
</tr>
<tr>
<td>4 Assembly support</td>
<td>33</td>
<td>for assembly and adjusting of “flush-fitting” and “surface-mounted” versions*</td>
<td>B 87 33 001</td>
</tr>
<tr>
<td></td>
<td>41</td>
<td>for assembly and adjusting of “flush-fitting” and “surface-mounted” versions*</td>
<td>B 87 41 001</td>
</tr>
</tbody>
</table>

*1 knob can be illuminated individually (flush-fitting version)

*2 can be illuminated individually in translucent (diamond / ruby / emerald / sapphire) version (surface-mounted version)

*3 assembly instruction see our website www.okw.com

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