

## Modern illuminated tuning knobs

Our STAR-KNOBS are designed for menu driven interfaces, click rotation and click push-in for 'OK'. This reduces the number of knobs and controls required on the front panel. The illumination is a visual highlight and enhances user operation of the equipment.

- · innovative design for flush fitting or surface mounting
- the flush-fitting version represents an attractive transition between the knob and the front of the device; the knob can be illuminated, that is, a ring lights up between the recess and the knob cover
- 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 comfortable operation; the knob is mounted on an approx. 3 mm high ring, which can be illuminated if required
- illumination possible with modern, energy-saving SMD LED technology for power supply units with 5 V: either white backlight for the colours diamond, emerald and sapphire or RGB backlight for individual colours as accessory
- knob with or without knurls
- · cover with or without finger recess for fine adjustments
- · tried and tested collet fixture system with secure fit on the axle
- max. torques: assembly = 1.5 Nm, function = 1.2 Nm

#### knob sizes boreholes

ø 33 mm 6 mm, 1/4" ø 41 mm 6 mm

### **Minimum Components for 1 STAR-KNOB:**

1 knob, 1 cover, 1 assembly kit























### Applications and Examples

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

- · Measuring and control technology
- Health Care
- · Heating and air conditioning
- Communication devices
- · Building management
- Smart Factory



Control element for pump control station



Control element for respiratory assistance apparatus



Control unit for photovoltaic solar installations



Heater for blood, blood substitutes and infusion solutions



Multiple analytical resonance system

#### **Customising Options**

What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components.

Customising options for Star-Knobs



Machining



Lacquering



**Printing** 



Laser marking



Installation / Assembly of accessories



# G E H Ä U S E S Y S T E M E

#### **Select Versions**



B8733118 Assembly kit 33, flush fitting version PA 6 volcano



Assembly kit 33, flush fitting version PA 6 nero



B8733201 Assembly kit 33, surfacemounted version PC (UL 94 HB) diamond



B8733206 Assembly kit 33, surfacemounted version PC (UL 94 HB) sapphire



B8733218 Assembly kit 33, surfacemounted version PA 6 volcano



B8733219 Assembly kit 33, surfacemounted version PA 6 nero



B8741118 Assembly kit 41, flush fitting version PA 6 volcano



B8741119 Assembly kit 41, flush fitting version PA 6 nero



B8741201 Assembly kit 41, surfacemounted version PC (UL 94 HB) diamond



B8741206 Assembly kit 41, surfacemounted version PC (UL 94 HB) sapphire



B8741218 Assembly kit 41, surfacemounted version PA 6 volcano



B8741219 Assembly kit 41, surfacemounted version PA 6 nero



### System components to complete



B8033068 STAR-KNOBS 33 PA 6 volcano 33x14mm 6mm



B8033069 STAR-KNOBS 33 PA 6 nero 33x14mm 6mm



B8033638 STAR-KNOBS 33 PA 6 volcano 33x14mm 1/4"



B8033639 STAR-KNOBS 33 PA 6 nero 33x14mm 1/4"



B8041068 STAR-KNOBS 41 PA 6 volcano 41x14mm 6mm



B8041069 STAR-KNOBS 41 PA 6 nero 41x14mm 6mm



B8133068 STAR-KNOBS 33, with knurls PA 6 volcano 33x14mm 6mm



B8133069 STAR-KNOBS 33, with knurls PA 6 nero 33x14mm 6mm



B8133638 STAR-KNOBS 33, with knurls PA 6 volcano 33x14mm 1/4"



B8133639 STAR-KNOBS 33, with knurls PA 6 nero 33x14mm 1/4"



B8141068 STAR-KNOBS 41, with knurls PA 6 volcano 41x14mm 6mm



B8141069 STAR-KNOBS 41, with knurls PA 6 nero 41x14mm 6mm



B8233061 STAR-KNOBS 33 PC (UL 94 HB) diamond 33x14mm 6mm



B8233065 STAR-KNOBS 33 PC (UL 94 HB) emerald 33x14mm 6mm



B8233066 STAR-KNOBS 33 PC (UL 94 HB) sapphire 33x14mm 6mm



B8233631 STAR-KNOBS 33 PC (UL 94 HB) diamond 33x14mm 1/4"





B8233635 STAR-KNOBS 33 PC (UL 94 HB) emerald 33x14mm 1/4"



B8233636 STAR-KNOBS 33 PC (UL 94 HB) sapphire 33x14mm 1/4"



B8241061 STAR-KNOBS 41 PC (UL 94 HB) diamond 41x14mm 6mm



B8241065 STAR-KNOBS 41 PC (UL 94 HB) emerald 41x14mm 6mm



B8241066 STAR-KNOBS 41 PC (UL 94 HB) sapphire 41x14mm 6mm



B8333061 STAR-KNOBS 33, with knurls PC (UL 94 HB) diamond 33x14mm 6mm



B8333065 STAR-KNOBS 33, with knurls PC (UL 94 HB) emerald 33x14mm 6mm



B8333066 STAR-KNOBS 33, with knurls PC (UL 94 HB) sapphire 33x14mm 6mm



B8333631 STAR-KNOBS 33, with knurls PC (UL 94 HB) diamond 33x14mm 1/4"



B8333635 STAR-KNOBS 33, with knurls PC (UL 94 HB) emerald 33x14mm 1/4"



B8333636 STAR-KNOBS 33, with knurls PC (UL 94 HB) sapphire 33x14mm 1/4"



B8341061 STAR-KNOBS 41, with knurls PC (UL 94 HB) diamond 41x14mm 6mm



B8341065 STAR-KNOBS 41, with knurls PC (UL 94 HB) emerald 41x14mm 6mm



B8341066 STAR-KNOBS 41, with knurls PC (UL 94 HB) sapphire 41x14mm 6mm



B8633008 Cover 33 PA 6 volcano



B8633009 Cover 33 PA 6 nero





B8633108 Cover 33, with finger recess PA 6 volcano



B8633109 Cover 33, with finger recess PA 6 nero



B8641008 Cover 41 PA 6 volcano



B8641009 Cover 41 PA 6 nero



B8641108 Cover 41, with finger recess PA 6 volcano



B8641109 Cover 41, with finger recess PA 6 nero

### Accessory "illumination"



B7546001 LED illumination kit, 8 LEDs (RGB backlight)



B8733004 LED illumination kit

### Accessory



A6207009 Round nut M7 x 0.75



A6210009 Round nut M10 x 0.75



A6295009 Round nut 3/8"-32G



A6300000 Spanner





B8733001 Assembly support 33 ABS (UL 94 HB) green



B8741001 Assembly support 41 ABS (UL 94 HB) green

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