Knob

Nero, NCS 9000-N	■
Volcano, NCS 5502-G	■
Diamond	☐
Ruby	■
Emerald	■
Sapphire	■

Cover

Nero, NCS 9000-N	■
Volcano, NCS 5502-G	■

Visual parts of assembly kits

"flush-fitting"

Nero, NCS 9000-N	■
Volcano, NCS 5502-G	■

"surface-mounted"

Nero, NCS 9000-N	■
Volcano, NCS 5502-G	■
Diamond	☐
Ruby	■
Emerald	■
Sapphire	■

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 to innovative equipment design.

The flush-fitting installation in the built-in version, with an attractive transition from the knob to the front of the device, also represents an innovation.

In 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.

YOUR ADVANTAGE

Aesthetically sophisticated knob design.

Two installation versions (surface-mounted or flush-fitting). Two sizes each.

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

Ergonomic design features:
finger recess (lid), knurls (knob) and inclined body (knob).

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

Taking account of minimum batch sizes, we can also produce our STAR-KNOBS range in special colours. Tell us what you would like and what quantities you require.

APPLICATIONS

For rotary potentiometers or rotary pulse generators with round shaft ends in accordance with DIN 41 591, including touch function.

Measuring and control technology. Medical field and laboratory technology. Heating and air conditioning.

MATERIAL

Knob and assembly kit
PA 6 reinforced / PC transparent.
Cover PA 6 reinforced.

VARIANTS

assembly kit
"flush-fitting"

| cover | knob
(can be illuminated*¹) | front panel / enclosure front | LED illumination |

"FLUSH-FITTING"
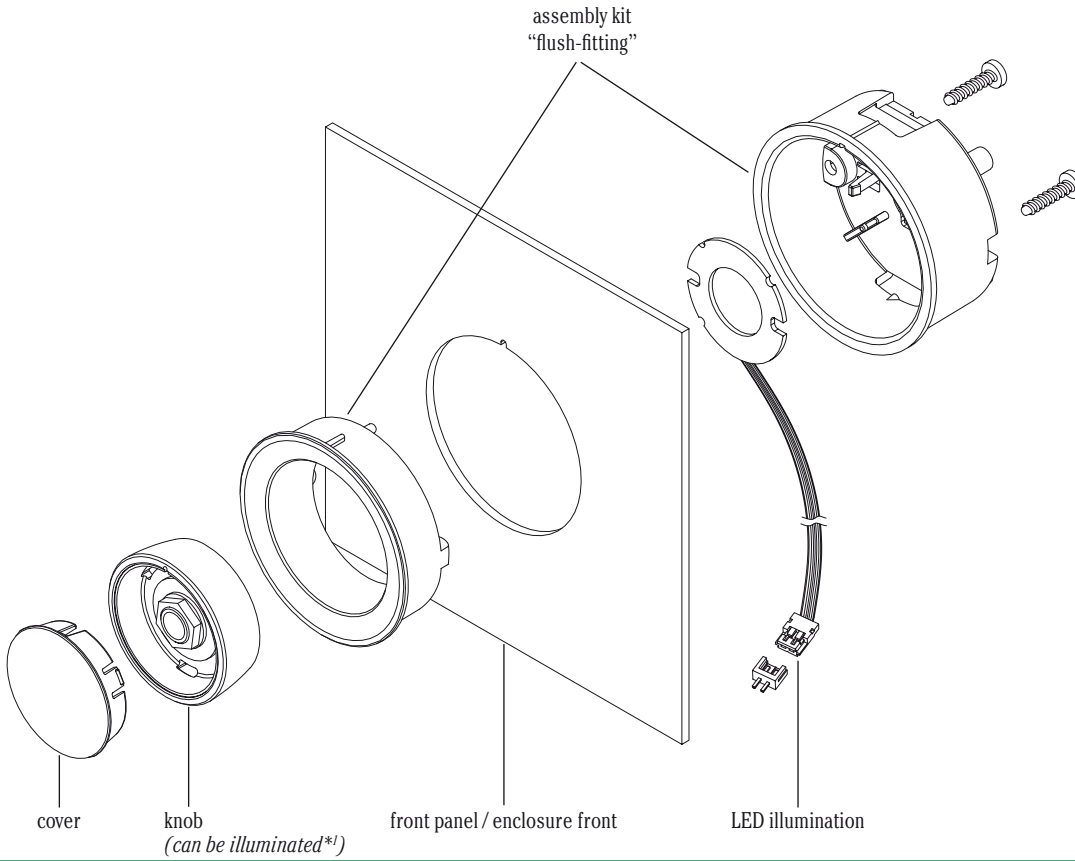
*¹ For individual illumination, please order the *knob* in *translucent* (diamond / ruby / emerald / sapphire). For LED illumination with white light see accessories page 15.

assembly kit
"surface-mounted"

| cover | knob | *(can be illuminated*²)* | front panel / enclosure front | LED illumination |
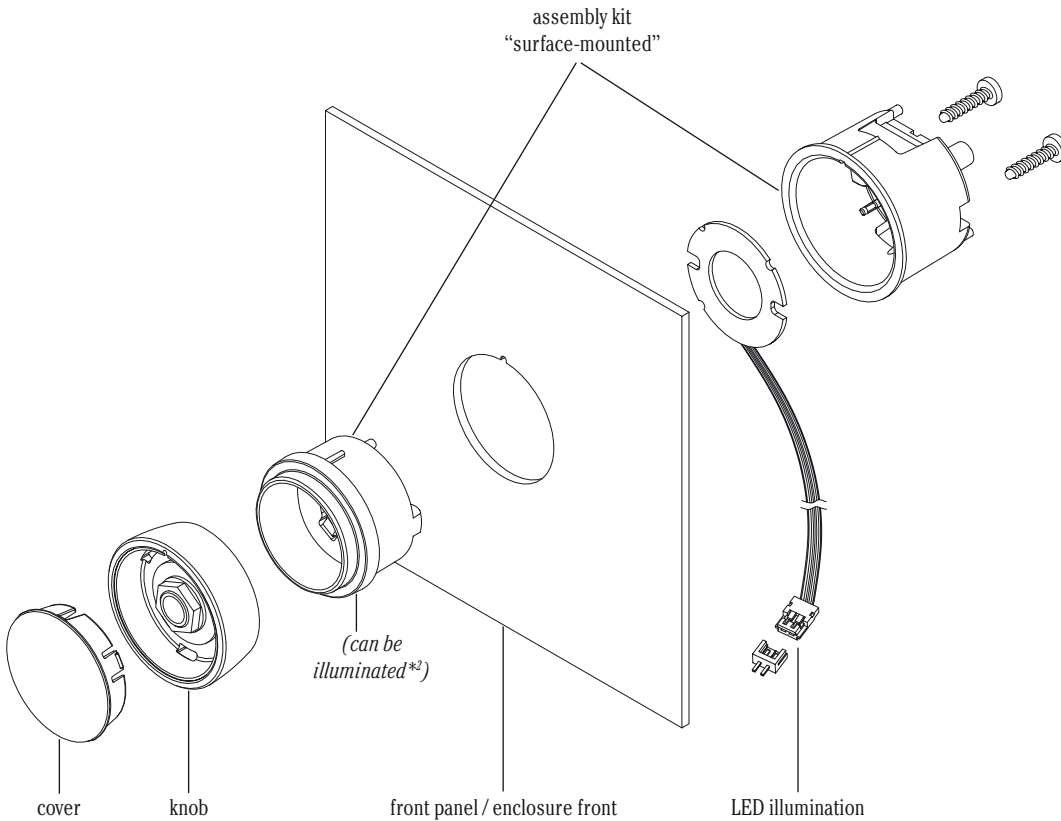
"SURFACE-MOUNTED"

*² For individual illumination, please order the *assembly kit* of the surface-mounted version in *translucent* (diamond / ruby / emerald / sapphire). For LED illumination with white light see accessories page 15.

STAR-KNOBS

KNOB

PA		PC*1		Knob ø	Borehole D	Colour	Torque (Nm) assembly	function	Dim. in mm
B 80 33 068	B 81 33 068			33	6 mm	(volcano)	1.8	1.6	
B 80 33 069	B 81 33 069					(nero)			
		B 82 33 061	B 83 33 061			(diamond)			
		B 82 33 063	B 83 33 063			(ruby)			
		B 82 33 065	B 83 33 065			(emerald)			
		B 82 33 066	B 83 33 066			(sapphire)			
B 80 33 638	B 81 33 638				1/4"	(volcano)	1.8	1.6	
B 80 33 639	B 81 33 639					(nero)			
		B 82 33 631	B 83 33 631			(diamond)			
		B 82 33 633	B 83 33 633			(ruby)			
		B 82 33 635	B 83 33 635			(emerald)			
		B 82 33 636	B 83 33 636			(sapphire)			
B 80 41 068	B 81 41 068			41	6 mm	(volcano)	2.5	1.6	
B 80 41 069	B 81 41 069					(nero)			
		B 82 41 061	B 83 41 061			(diamond)			
		B 82 41 063	B 83 41 063			(ruby)			
		B 82 41 065	B 83 41 065			(emerald)			
		B 82 41 066	B 83 41 066			(sapphire)			
B 80 41 088	B 81 41 088				8 mm	(volcano)	2.8	1.8	
B 80 41 089	B 81 41 089					(nero)			
		B 82 41 081	B 83 41 081			(diamond)			
		B 82 41 083	B 83 41 083			(ruby)			
		B 82 41 085	B 83 41 085			(emerald)			
		B 82 41 086	B 83 41 086			(sapphire)			

Ø33.0 · 14.0 · D · 2.4 · Ø14.5 · Ø27.0

Ø41.0 · 14.0 · D · 2.4 · Ø14.5 · Ø35.0

COVERS

		For knob ø	Colour	a	b	c	d	Dim. in mm without finger recess	with finger recess
B 86 33 008	B 86 33 108	33	(volcano)	29	28	9	1.7		
B 86 33 009	B 86 33 109		(nero)						
B 86 41 008	B 86 41 108	41	(volcano)	37	36	11	1.7		
B 86 41 009	B 86 41 109		(nero)						

ASSEMBLY KIT

flush-fitting version	surface-mounted version	For knob ø	Colour *2	Dim. in mm flush-fitting version	surface-mounted version
B 87 33 118	B 87 33 218	33	(volcano)		
B 87 33 119	B 87 33 219		(nero)		
	B 87 33 201		(diamond)		
	B 87 33 203		(ruby)		
	B 87 33 205		(emerald)		
	B 87 33 206		(sapphire)		
B 87 41 118	B 87 41 218	41	(volcano)		
B 87 41 119	B 87 41 219		(nero)		
	B 87 41 201		(diamond)		
	B 87 41 203		(ruby)		
	B 87 41 205		(emerald)		
	B 87 41 206		(sapphire)		

for front panel cutouts see drawings on the internet

Ø46.5 / Ø54.4 · Ø43.5 / Ø51.7 · 1.0 · 26.0 · 5.0 · Ø47.4 / Ø55.4 · Ø50.0 / Ø58.0

Ø30.4 / Ø38.4 · Ø28.2 / Ø36.2 · Ø25.5 / Ø33.5 · 3.5 · 26.0 · 5.0 · Ø31.9 / Ø39.9 · Ø34.0 / Ø42.0

Minimum components for 1 STAR-KNOB: 1 knob, 1 cover and 1 assembly kit.

COLOURS STAR-KNOBS

- (volcano) volcano, NCS 5502-G
- (nero) nero, NCS 9000-N
- (diamond) diamond
- (ruby) ruby
- (emerald) emerald
- (sapphire) sapphire

*1 knob can be illuminated individually (flush-fitting version)
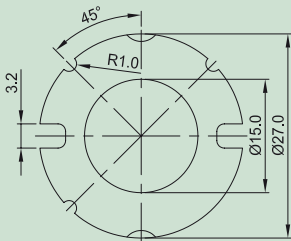
*2 can be illuminated individualy in translucent (diamond / ruby / emerald / sapphire) version (surface-mounted version)

STAR-KNOBS

OKW

Article	For knob ø	Version / Application			Part-No.
① LED illumination	33, 41	PCB ø 27 mm with 6 LEDs (white light), SMD-technology, connecting cable 100 mm long, 2-pin connector at the end, incl. PCB connector			B 87 33 000
② Round nut	33, 41	For mounting of potentiometer at the assembly kit.	G M 7 x 0.75 M 10 x 0.75 3/8" - 32G	ø 13.5 12.5 12.5	A 62 07 009 A 62 10 009 A 62 95 009
③ Spanner	33, 41	For tightening round nuts.			A 63 00 000
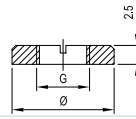
PCB with LED illumination (①) – for power supply units with 5 V

Mounting "flush-fitting version"

(only in conjunction with the *translucent knob* in diamond / ruby / emerald and sapphire)

holder from assembly kit "flush-fitting version"
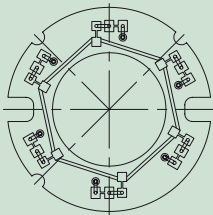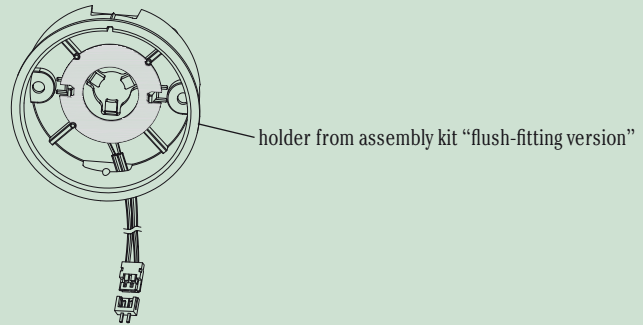
Mounting "surface-mounted version"

(only in conjunction with the *translucent assembly kit* in diamond / ruby / emerald and sapphire)

holder from assembly kit "surface-mounted version"

②

③