



Front dimensions: Ø 28 mm  
Panel cut-out: Ø 22.3 mm  
Front bezel height: 12 mm  
Travel: 6 mm



 Product configurator



RONDEX-M



## Overview RONDEX-M series




01 Pushbutton Heads	page 220	07 Key Actuators	page 225
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03 Mushroom Heads	page 222	09 Pilot Lights	page 227
04 Knob Set for Rotary Switches/Potentiometers	page 223		
05 Selector Heads	page 223	<b>Contact Blocks / Lampholders</b>	page 408
06 Toggle Heads	page 224		


## Housing Colour

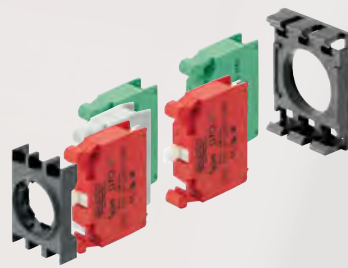
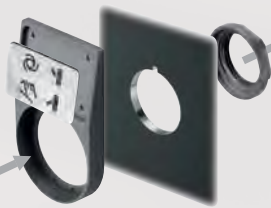


**IP65** degree of protection

**6 mm** operating travel

 illuminating option

 labelling option



**DT**  
DT...  
Modular Contact Blocks  
spring-clamp connection  
**page 528**



**DS**  
DS...  
Modular Contact Blocks  
push-in connection  
**page 522**



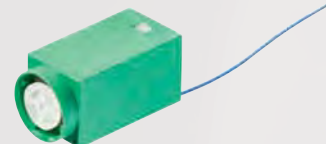
**M**  
MT...  
Modular Contact Blocks  
screw connection  
**page 514**



**ET**  
ET...  
Contact Blocks  
screw connection  
**page 508**



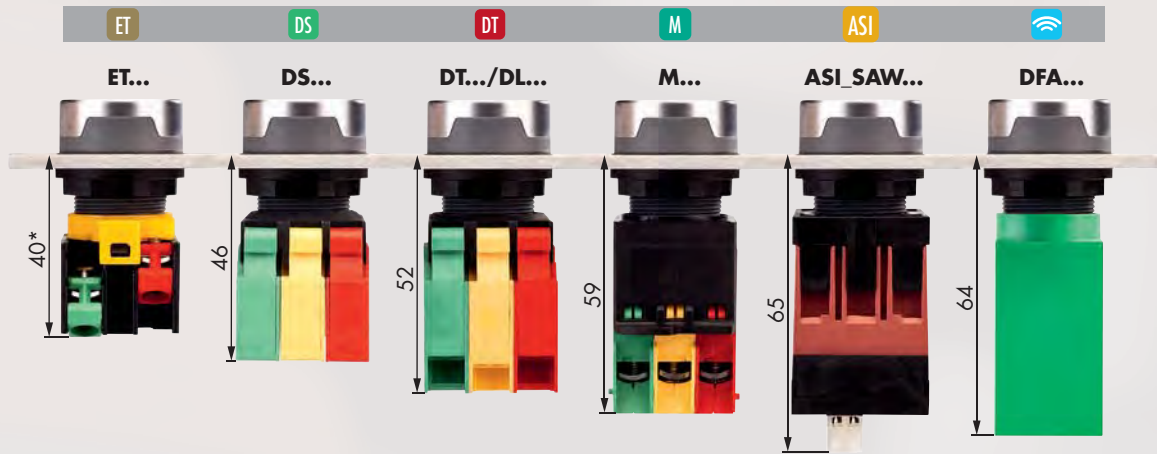
**ASI**  
ASI...  
Contact Blocks  
for AS-Interface  
Safety @ Work  
**page 540**



**DFA**  
DFA...  
Battery-free Wireless  
Transmitter Modules  
**page 546**

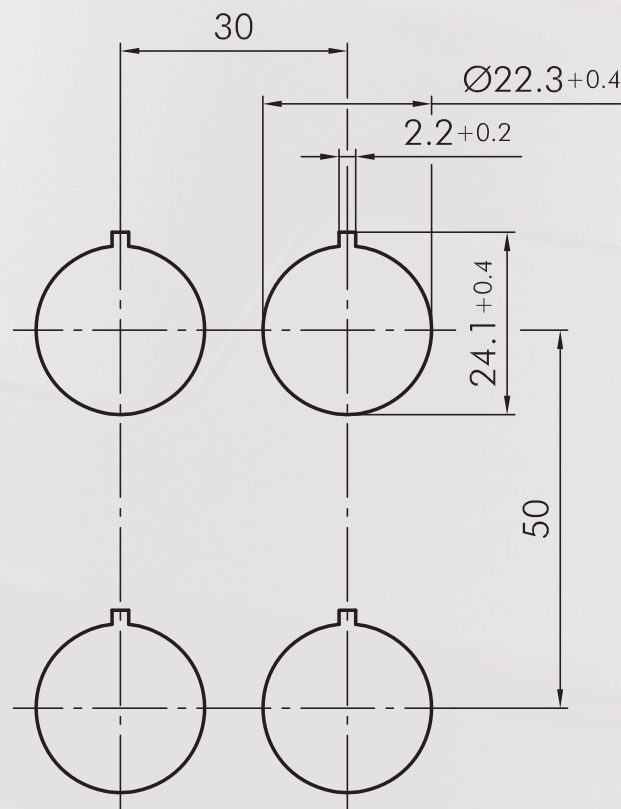
**When combining the DT... contact blocks with key, selector and toggle heads, please add ...\_497 to the actuator type reference!**

## Mounting Depth Dimensions



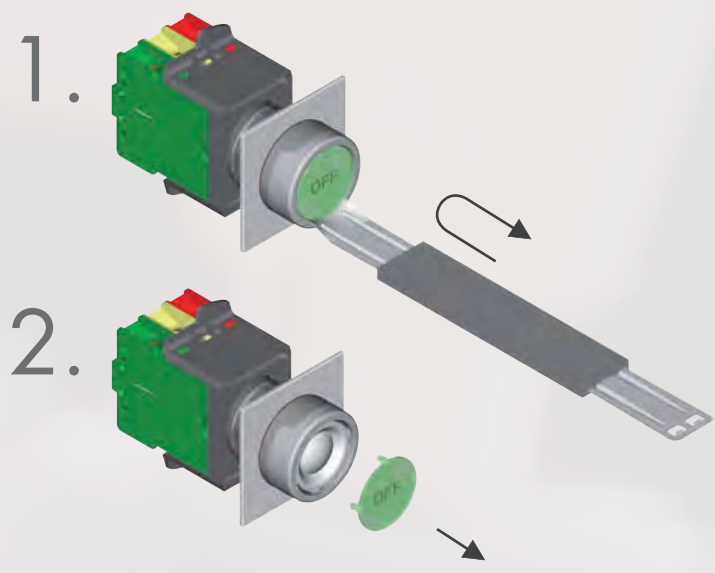
\* ETR2 61mm, ETLR 50mm, ETLR2 70mm, EL9R 36mm

## Cutout Dimensions





## Mounting and Service Instructions



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Pedal Switches

Limit Switches

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# RONDEX-M

Ø 22.3 mm

made in germany



## Pushbutton Heads

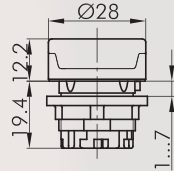
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



### Pushbutton Head

suitable contact blocks

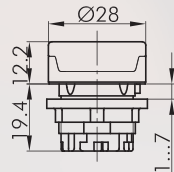


front bezel

metallic/charcoal



RMCT



### Pushbutton Head with ring illumination

incl. lens, inscription on request

suitable contact blocks

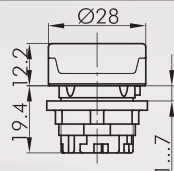


front bezel

metallic/charcoal



RMCTLR



### Pushbutton Head, maintained

suitable contact blocks



front bezel

metallic/charcoal



RMCF



### Flat Lens, transparent

colour

blue



TG22BL

yellow



TG22GB

green



TG22GN

clear



TG22KL

red



TG22RT

opalwhite



TG22WS



### Flat Lens, non-transparent

used in pushbuttons without inscription and illumination

colour

blue



TG22GBL

yellow



TG22GGB

green



TG22GGN

black



TG22GSW

red



TG22GRT

white



TG22GWS



### High Lens, transparent

colour

blue



KH23BL

yellow



KH23GB

green



KH23GN

clear



KH23KL

red























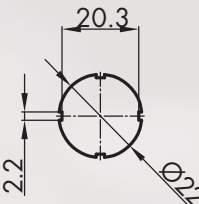
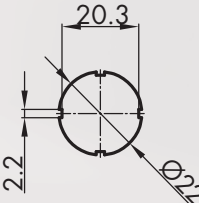

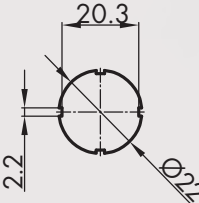





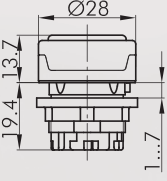

























KH23RT

opalwhite



KH23WS

## Pushbutton Heads

Illustration	Dimensions	Description	Type																		
		<b>High Lens, non-transparent</b> used in pushbuttons without inscription and illumination colour <table border="0"> <tr> <td>blue</td> <td></td> <td><b>TG22GHBL</b></td> </tr> <tr> <td>yellow</td> <td></td> <td><b>TG22GHGB</b></td> </tr> <tr> <td>green</td> <td></td> <td><b>TG22GHGN</b></td> </tr> <tr> <td>black</td> <td></td> <td><b>TG22GHSW</b></td> </tr> <tr> <td>red</td> <td></td> <td><b>TG22GHRT</b></td> </tr> <tr> <td>white</td> <td></td> <td><b>TG22GHWS</b></td> </tr> </table>	blue		<b>TG22GHBL</b>	yellow		<b>TG22GHGB</b>	green		<b>TG22GHGN</b>	black		<b>TG22GHSW</b>	red		<b>TG22GHRT</b>	white		<b>TG22GHWS</b>	
blue		<b>TG22GHBL</b>																			
yellow		<b>TG22GHGB</b>																			
green		<b>TG22GHGN</b>																			
black		<b>TG22GHSW</b>																			
red		<b>TG22GHRT</b>																			
white		<b>TG22GHWS</b>																			
		<b>Nameplate with standard imprint</b> please specify index number (see nameplates on pages 404)	<b>BSK...</b>																		
		<b>Nameplate with special imprint</b> according to customer's specification	<b>BSKB</b>																		
		<b>Blank Nameplate</b>	<b>BSKU</b>																		
 <div style="display: flex; flex-direction: column; gap: 5px;"> <div></div> <div></div> <div></div> <div></div> </div>		<b>Membrane Pushbutton Head</b> with tightly closed, transparent silicone cap, down to -50 C suitable contact blocks      front bezel      metallic/charcoal 	<b>RMCTM</b>																		
		<b>Flat Lens, transparent</b> colour <table border="0"> <tr> <td>blue</td> <td></td> <td><b>T20FBL</b></td> </tr> <tr> <td>yellow</td> <td></td> <td><b>T20FGB</b></td> </tr> <tr> <td>green</td> <td></td> <td><b>T20FGN</b></td> </tr> <tr> <td>clear</td> <td></td> <td><b>T20FKL</b></td> </tr> <tr> <td>red</td> <td></td> <td><b>T20FRT</b></td> </tr> <tr> <td>opalwhite</td> <td></td> <td><b>T20FWS</b></td> </tr> </table>	blue		<b>T20FBL</b>	yellow		<b>T20FGB</b>	green		<b>T20FGN</b>	clear		<b>T20FKL</b>	red		<b>T20FRT</b>	opalwhite		<b>T20FWS</b>	
blue		<b>T20FBL</b>																			
yellow		<b>T20FGB</b>																			
green		<b>T20FGN</b>																			
clear		<b>T20FKL</b>																			
red		<b>T20FRT</b>																			
opalwhite		<b>T20FWS</b>																			



# RONDEX-M

Ø 22.3 mm

made in germany



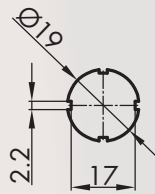
## Emergency Stops Mushroom Heads

Illustration

Dimensions

Description

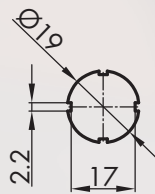
Type



### Nameplate with standard imprint

Please specify index number (see nameplates on pages 404)

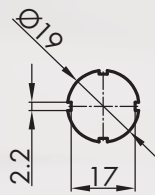
**BSRX...**



### Nameplate with special imprint

according to customer's specification

**BSRXB**



### Blank Nameplate

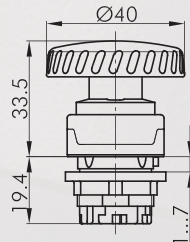
**BSRXU**



### For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 366

The emergency-stop heads can also be supplied as latching mushroom heads with mushrooms in different colours.

IP65



### Mushroom Head, latch-type

other mushroom colours on request, must be mounted onto yellow background!

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist
Standard	EN 60947-5-1, EN 60947-5-5, EN ISO 13850

suitable contact blocks

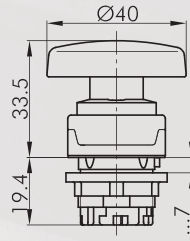
DS DT ET M

mushroom head	red	
front bezel	metallic/charcoal	

**RMCV**

IP65

6mm



### Mushroom Head, momentary

other mushroom colours on request

switching position indicator	No
anti-lock collar	No

suitable contact blocks


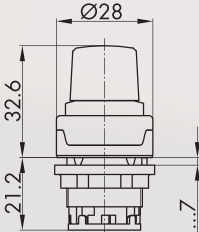


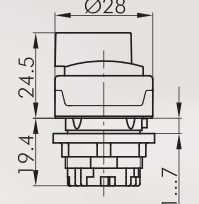












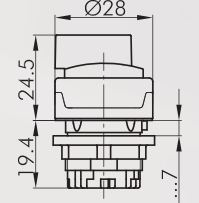












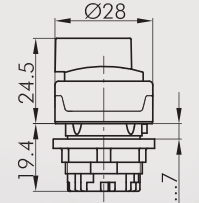





DS DT ET M

mushroom head	red	
front bezel	metallic/charcoal	

**RMCS**

**Knob Set for potentiometers  
Selector Switches (momentary/maintained)**

I = Switching position  
> = Spring return

Illustration	Dimensions	Description	Type
		<p><b>Knob Set for potentiometers</b> for potentiometers of 6 mm shaft dia. and thread M10x0.75. Delivery without potentiometer. Shaft length: approx. 50 mm ± 2 incl. fastening thread front bezel metallic/charcoal </p>	<b>RMCR</b>
		<p><b>Selector Head, maintained</b></p> <p>suitable contact blocks     </p> <p>front bezel metallic/charcoal </p> <p>suitable contact blocks    </p> <p>front bezel metallic/charcoal </p>	  <b>RMCWA</b>  <b>RMCWB</b>
		<p><b>Selector Head, momentary</b></p> <p>suitable contact blocks     </p> <p>front bezel metallic/charcoal </p> <p>suitable contact blocks    </p> <p>front bezel metallic/charcoal </p>	  <b>RMCSTA</b>  <b>RMCSTB</b>
		<p><b>Selector Head, left maintained, right momentary</b></p> <p>suitable contact blocks    </p> <p>front bezel metallic/charcoal </p>	 <b>RMCWC</b>

# RONDEX-M

Ø 22.3 mm

made in germany



## Selector Switches (momentary/maintained) Toggle Heads

I = Switching position  
> = Spring return

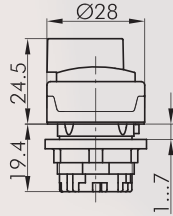
Illustration

Dimensions

Description

Type

IP65



### Selector Head, maintained

inclusive four small transparent colour plates in red, yellow, green and blue

suitable contact blocks

DS DT ET M

front bezel metallic/charcoal



RMCWAL

suitable contact blocks

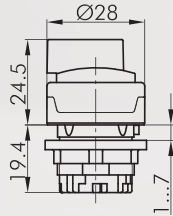
DT ET M

front bezel metallic/charcoal



RMCWBL

IP65



### Illuminated Selector Head, left maintained, right momentary

inclusive four small transparent colour plates in red, yellow, green and blue

suitable contact blocks

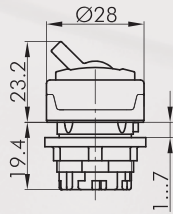
DS DT ET M

front bezel metallic/charcoal



RMCWCL

IP65



### Toggle Head

with red toggle (other colours on request)

suitable contact blocks

DS DT ET M

knob colour

red

front bezel

metallic/charcoal



RMCK

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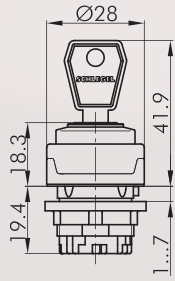







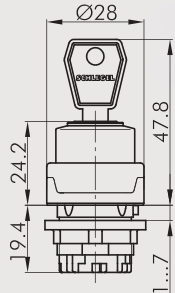

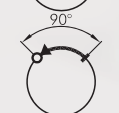

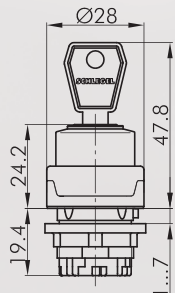
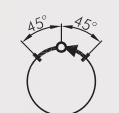

Limit Switches

Type Index



## Key Switches (momentary/maintained)

- I = Switching position
- > = Spring return
- = Key removable position

Illustration	Dimensions	Description	Type	
		<b>Key Actuator, maintained</b> including two keys, other lock types on request suitable contact blocks DT ET M		
		front bezel metallic/charcoal		<b>RMCSSA12E</b>
		suitable contact blocks DT ET M		
		front bezel metallic/charcoal		<b>RMCSSA13E</b>
		suitable contact blocks DS DT ET M		
		front bezel metallic/charcoal		<b>RMCSSA14E</b>
		suitable contact blocks DS DT ET M		
		front bezel metallic/charcoal		<b>RMCSSA15E</b>
suitable contact blocks DS DT ET M				
front bezel metallic/charcoal		<b>RMCSSA17E</b>		
suitable contact blocks DS DT ET M				
front bezel metallic/charcoal		<b>RMCSSA18E</b>		
		<b>Key Actuator, momentary</b> suitable contact blocks DT ET M		<b>RMCSSA23E</b>
		suitable contact blocks DS DT ET M		
		front bezel metallic/charcoal		<b>RMCSSA27E</b>
		<b>Key Actuator, left maintained, right momentary</b> suitable contact blocks DT ET M		<b>RMCSSA24E</b>
		front bezel metallic/charcoal		
		<b>Spare Key (standard)</b> standard spare key, specify key number for special locks	<b>ESE845</b>	

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→ Actuators

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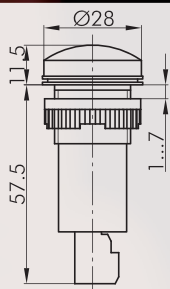
## Buzzers

Illustration

Dimensions

Description

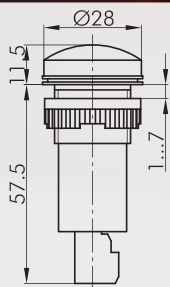
Type



### Buzzer 230V

Operating voltage: 230V~  
 Volume: 80 dB at 10 cm distance  
 Mounting depth: 60 mm  
 max. ambient temperature: -20°C up to 50°C  
 Service life: > 5000 h  
 front bezel black

**RSG-230V**



### Buzzer 24V

Operating voltage: 18 - 30V AC/DC  
 Volume: 80 dB at 10 cm distance  
 Mounting depth: 60 mm  
 max. ambient temperature: -20°C up to 50°C  
 Service life: > 5000 h  
 front bezel black

**RSG-24V**

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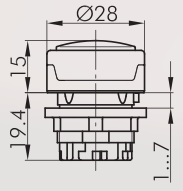







































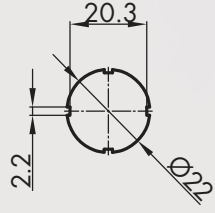

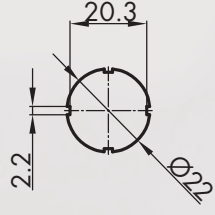

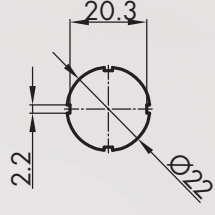
Pedal Switches

Limit Switches

Type Index

## Pilot Lights

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type																		
 <p>IP65</p>		<b>Pilot Light Head</b> suitable lampholders DS DT ET M front bezel metallic/charcoal	<b>RM CN</b>																		
		<b>Convex Lens</b> colour	<table border="0"> <tr><td>blue</td><td></td><td><b>KF23BL</b></td></tr> <tr><td>yellow</td><td></td><td><b>KF23GB</b></td></tr> <tr><td>green</td><td></td><td><b>KF23GN</b></td></tr> <tr><td>clear</td><td></td><td><b>KF23KL</b></td></tr> <tr><td>red</td><td></td><td><b>KF23RT</b></td></tr> <tr><td>opalwhite</td><td></td><td><b>KF23WS</b></td></tr> </table>	blue		<b>KF23BL</b>	yellow		<b>KF23GB</b>	green		<b>KF23GN</b>	clear		<b>KF23KL</b>	red		<b>KF23RT</b>	opalwhite		<b>KF23WS</b>
blue		<b>KF23BL</b>																			
yellow		<b>KF23GB</b>																			
green		<b>KF23GN</b>																			
clear		<b>KF23KL</b>																			
red		<b>KF23RT</b>																			
opalwhite		<b>KF23WS</b>																			
		<b>High Lens, transparent</b> colour	<table border="0"> <tr><td>blue</td><td></td><td><b>KH23BL</b></td></tr> <tr><td>yellow</td><td></td><td><b>KH23GB</b></td></tr> <tr><td>green</td><td></td><td><b>KH23GN</b></td></tr> <tr><td>clear</td><td></td><td><b>KH23KL</b></td></tr> <tr><td>red</td><td></td><td><b>KH23RT</b></td></tr> <tr><td>opalwhite</td><td></td><td><b>KH23WS</b></td></tr> </table>	blue		<b>KH23BL</b>	yellow		<b>KH23GB</b>	green		<b>KH23GN</b>	clear		<b>KH23KL</b>	red		<b>KH23RT</b>	opalwhite		<b>KH23WS</b>
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red		<b>KH23RT</b>																			
opalwhite		<b>KH23WS</b>																			
		<b>Nameplate with standard imprint</b> please specify index number (see nameplates on pages 404)	<b>BSK...</b>																		
		<b>Nameplate with special imprint</b> according to customer's specification	<b>BSKB</b>																		
		<b>Blank Nameplate</b>	<b>BSKU</b>																		



## Accessories for Actuators

Illustration

Dimensions

Description

Type



### Mounting Tool

**S22**

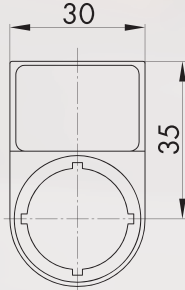
with torque limitation  
for the series QUARTEX-R(-JUWEL), KOMBITAST-R-JUWEL,  
RONDEX, RONDEX-M, RVA, DUX-Basic, SHORTRON, jacks of  
the RONTRON-R/-Q-JUWEL series



### Mounting Tool Adapter with 1/4" connections

**SRA**

for mounting tools S16 and S22



### External Nameplate Holder

for outside marking of the actuators of the RONDEX series,  
accepts self-adhesive nameplates

colour

charcoal



**RABT**



### Self-adhesive Nameplate, laser-printed

**BZ23G**

Inscription according to customer's specification  
Dimensions: 19 x 27 mm



### Self-adhesive Nameplate blank

**BZ23U**

Dimensions: 19 x 27 mm



### Self-adhesive Nameplate with standard imprint

**BZ23B...**

Please specify index no.  
(see nameplates on page 404)  
Dimensions: 19 x 27 mm



### Yellow Nameplate

self-adhesive PVC foil  
printing on request  
outer dia. 75 mm  
for mounting dia. 22 mm

colour

yellow



**NAS\_22**



### Yellow Nameplate with quadrilateral imprint

self-adhesive PVC foil  
outer dia. 75 mm  
for mounting dia. 22 mm

colour

yellow





**NAS\_22\_548**



### Universal Lens Remover

**USK**

## Accessories for Actuators

Illustration	Dimensions	Description	Type
 <p>IP65</p>		<p><b>Dummy</b> to close unused mounting apertures colour charcoal</p>	<b>BVR22</b>
 <p>IP67</p>		<p><b>Sealing Cap</b> made of silicone rubber, down to -50°C</p>	<b>TK29S</b>

About Us

Control Units

→ Actuators

Panel Mount Jacks

Bus Technology

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Terminal Blocks

Pedal Switches

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