

8602C3-727-S-M03-03-E03 Art. No. 244653



- Pushbutton, mushroom pushbutton, mushroom stay-put button with key lock, mushroom stay-put button, twin pushbutton and illuminated pushbutton, rotary actuator, key-operated switch, potentiometer bezel and indicator lamp bezel
- One axial actuator can actuate up to four Series 8082 contact elements
- Key-operated switches and rotary switches codable at any time as "latching/spring return" or "key not removable"

MY R. STAHL 8602A



Thanks to their special technical features, the actuators from the 8602/3 series can withstand the most extreme conditions. In addition to the application option for use in ambient temperatures from -60 °C to +70 °C, the IP degree of protection, IP66, is maintained in accordance with EN 60529. It is also possible to actuate up to four contact elements from the 8082 series with a single axial actuator from the 8602/3 series.

The coding option of the key switches and rotary switches is innovative and one-of-a-kind. Integrated coding allows you to adjust the "latching/spring return" and/or "key not removable" functions at any time without additional accessories. A versatile set of accessories consisting of label holders and locking devices is available.

Technical Data

Explosion Protection	
Application range (zones)	1, 2, 21, 22
IECEEx gas certificate	IECEEx PTB 13.0047U
IECEX gas certificate	IECEEx PTB 13.0047U
IECEEx gas explosion protection	Ex eb IIC Gb
IECEEx dust certificate	IECEEx PTB 13.0047 U
IECEEx dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 13 ATEX 1019 U
ATEX gas certificate	PTB 13 ATEX 1019 U
ATEX gas explosion protection	Ex II 2 G Ex eb IIC Gb
ATEX dust certificate	PTB 13 ATEX 1019 U
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
UL gas certificate	E182378 V4 S2
Certificate ULus	E182378 V4 S2
Marking ULus	Class I, Zone 1, AEx eb IIC Gb Zone 21, AEx tb IIIC Db
Certificate cUL	E182378V4S2
Marking cUL	Class I, Zone 1, Ex eb IIC Gb Zone 21, Ex tb IIIC Db
Inmetro gas certificate	UL-BR 14.0380U
Inmetro dust certificate	UL-BR 14.0380U
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), Canada (UL), IECEEx (PTB), India (PESO), Korea (KGS), USA (UL)

Installation equipment

Rotary actuator, small lockable

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Ambient Conditions

Ambient temperature	-60 °C ... 70 °C
Ambient temperature	-76 °F ... +158 °F
Storage temperature	-60 °C ... 70 °C
Storage temperature	-76 °F ... +158 °F
Use at the height of	< 2000 m
Max. operating altitude	2000 m
Degree of pollution	3

Mechanical Data

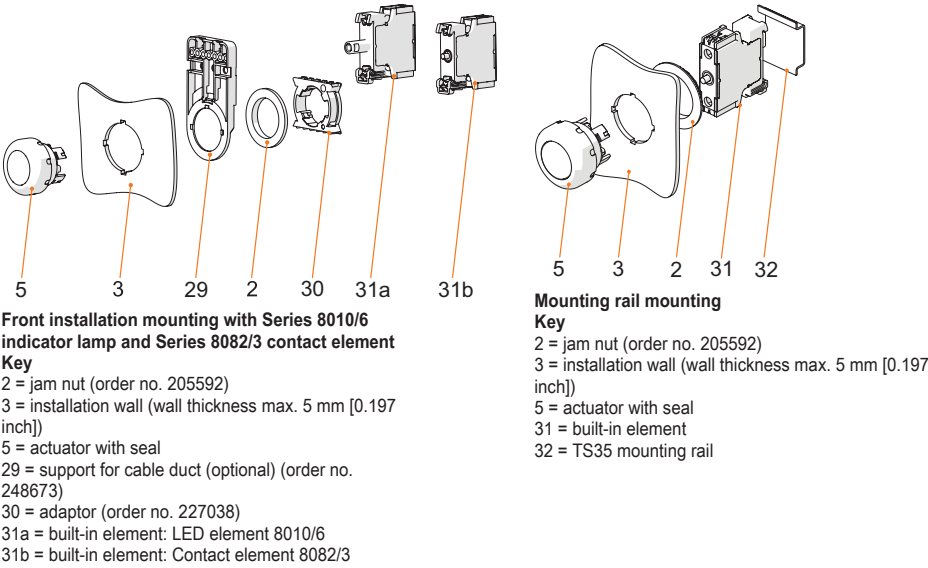
Version	lockable
Degree of protection (IP)	IP66
Note on degree of protection	According to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	No
Number of switching positions	3
Assembly	727
Diameter	39 mm
Service life, min.	10 ⁵ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour	Black
Mounting	Thread type
Designation plate	I - 0 - II
Seal	Silicone
Lockable in	One pos. with one lock
Packaging unit	1
Weight	40 g
Weight	0.09 lb
Decription note	Conversion to the "spring return" function is possible with the installed coding elements. Standard label enclosed separately. Different labels must be ordered in addition. Cylinder lock not enclosed. Pressure plates for 1–2 and 3–4 contact elements enclosed.

Mounting / Installation

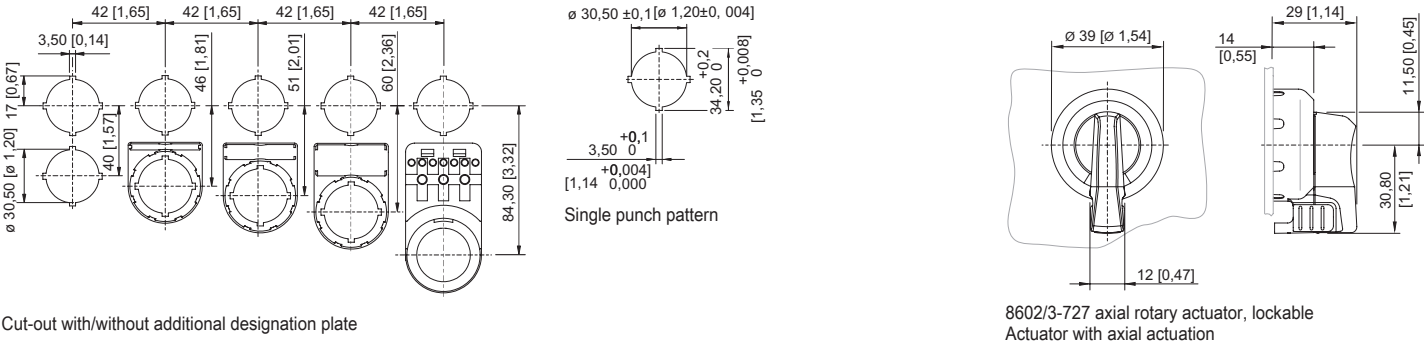
Mounting type	Front panel mounting
Tightening torque	3 N · m
Tightening torque lbf in	26.55 lbf in

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Technical Drawings – Subject to Alterations



Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories

Cylinder lock		Art. No.
	for closing (bracket Ø 3)	107115
Closing part		Art. No.
	8602C3-733-S for closing unused holes in cover, dia. 30.5 mm, silicone	244307

Spare Parts

Contact element		Art. No.
	for NC front installation	240898
	for NO contact front installation	240899

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Insert discs for label holder

Art. No.

	One-line Plain Material: PVC Colour: White Self-adhesive	238271
	Two-line Plain Material: PVC Colour: White Self-adhesive	238272
	Three-line Plain Material: PVC Colour: White Self-adhesive	238273

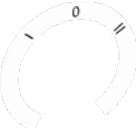
Labels for small BG 732, BG 734 rotary actuator and BG 726, BG 727 axial rotary actuator

Art. No.

	Dia. 30.8 Plain	227495
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Labels for axial BG 726, BG 727 rotary actuator

Art. No.

	Dia. 30.8 I O II	240474
	Dia. 30.8 MANUAL 0 AUTO	240477

Label set for BG732

Art. No.

	The label set contains three dia. 30.8 mm labels 1x label with text HAND-0-AUTO 1x label with text LOCAL-REMOTE 1x label blank	321792
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Label holder

Art. No.

	Size 1, without insert disc, 1-line label for actuators Ø 39	223566
	Size 2, without insert disc, 1- or 2-line label for actuators Ø 39	223567
	Size 3, without insert disc, 1-, 2- or 3-line label for actuators Ø 39	223568

Installation equipment

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Special key**Art. No.**

for tightening plastic locking nut

169101

Pressure plates**Art. No.**

For key-operated switch and axial rotary actuator
1 to 2 contact elements

253627



For key-operated switch and axial rotary actuator
3 to 4 contact elements

221707

Holder for front installation**Art. No.**

8602/3 holder for cable duct

248673

Adaptor for front installation**Art. No.**

8602/3 Front installation for indicator lamp series 8010/6 and contact element series 8082/3

227038

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.