

8602C3-734-B-45H-E08 Art. No. 227391



- 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	-20 °C ... 60 °C
Ambient temperature	-4 °F ... +140 °F
Storage temperature	-25 °C ... 60 °C
Storage temperature	-13 °F ... +140 °F
Use at the height of	< 2000 m
Max. operating altitude	2000 m
Degree of pollution	3

Mechanical Data

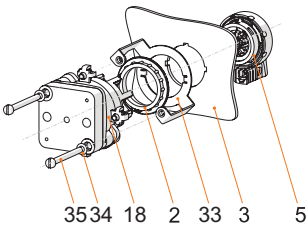
Version	lockable
Degree of protection (IP)	IP66
Note on degree of protection	According to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	Yes
Assembly	734
Diameter	39 mm
Service life, min.	10 ⁵ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour	Black
Mounting	Thread type
Designation plate	0/OFF - I/ON
Seal	Standard
Lockable in	One pos. with one lock
Packaging unit	1
Weight	40 g
Weight	0.09 lb
Decription note	0/OFF-I/ON label provided separately. Cylinder lock not enclosed. Other labels must be ordered separately.

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



Front installation mounting with Series 8008 control switch

Key

2 = jam nut (order no. 205592)

3 = installation wall (wall thickness max. 2 mm [0.0787 inch])

5 = 8302/3 actuator with seal (4)

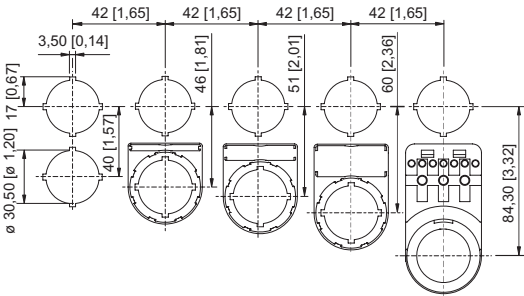
18 = 8008/2- control switch

33 = front installation 8602/3 adaptor for type 8008/2

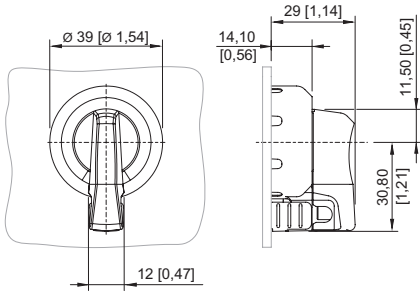
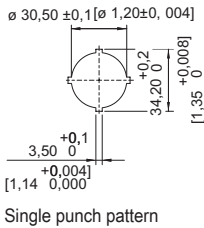
34 = M4 disc

35 = M4x screw

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



Cut-out with/without additional designation plate



8602/3-734 rotary actuator, lockable using one lock
Actuator with radial actuation

Accessories

Cylinder lock		Art. No.
	for closing (bracket Ø 3)	107115
Closing part		Art. No.
	8602C3-733-B for closing unused holes in cover, dia. 30.5 mm, NBR	244306

Spare Parts

Insert discs for label holder		Art. No.
	One-line Plain Material: PVC Colour: White Self-adhesive	238271

Installation equipment

Rotary actuator, small lockable

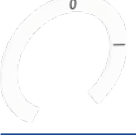
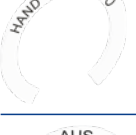
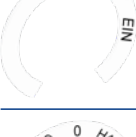
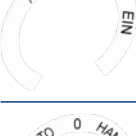
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	Two-line Plain Material: PVC Colour: White Self-adhesive	238272
	Three-line Plain Material: PVC Colour: White Self-adhesive	238273

Labels for small BG 732, BG 734 rotary actuator

Art. No.

	Dia. 30.8 0/OFF I/ON	227489
	Dia. 30.8 0 I	227490
	Dia. 30.8 I 0 II	227491
	Dia. 30.8 0 I	227492
	Dia. 30.8 MANUAL 0 AUTO	227494
	Dia. 30.8 OFF ON	269983
	Dia. 30.8 AUTO 0 MANUAL ON	269984
	Dia. 30.8 AUTO 0 MANUAL	269985

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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Installation equipment

Rotary actuator, small lockable

STAHL**8602C3-734-B-45H-E08 Art. No. 227391****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

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

Special key**Art. No.**

for tightening plastic locking nut

169101

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

8602/3 front installation for control switch of Series 8008

260081

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.