

8602C3-092-B-P04 Art. No. 244640



- 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
IECEX gas certificate	IECEX PTB 13.0047U
IECEX gas certificate	IECEX PTB 13.0047U
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust certificate	IECEX PTB 13.0047 U
IECEX 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
Inmetro gas certificate	UL-BR 14.0380U
Inmetro dust certificate	UL-BR 14.0380U
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), Canada (UL), IECEX (PTB), India (PESO), Korea (KGS)

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
Degree of contamination	3

Installation equipment

Rotary actuator (potentiometer)



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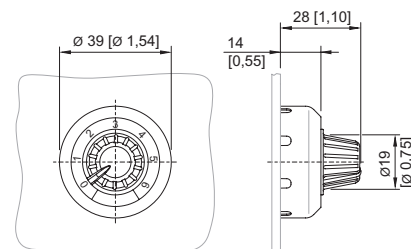
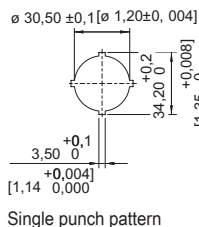
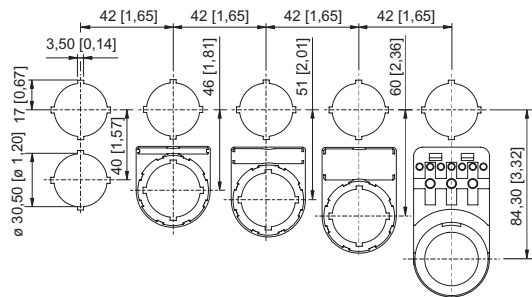
Mechanical Data

Degree of protection (IP)	IP66
Note on degree of protection	According to IEC/EN 60529
Enclosure material	Polyamide
Silicone-free	Yes
Assembly	092
Diameter	39 mm
Service life, min.	10 ⁵ actuations
Impact strength (IEC 60079)	7 J
Impact strength (IEC 62262)	min. IK08
Colour	Black
Fastening	Thread type
Designation plate	0 to 6, 0 to 10, and 0 to 100
Seal	Standard
Packaging unit	1
Weight	35 g
Weight	0.08 lb
Decription note	Labels provided separately.

Mounting / Installation

Mounting type	Front panel mounting
Tightening torque	3 Nm
Tightening torque lbf in	26.55 lbf in

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



8602/3-092 potentiometer bezel
Actuator with radial actuation

Cut-out with/without additional designation plate

Spare Parts

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

Installation equipment


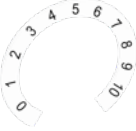
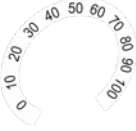
Rotary actuator (potentiometer)




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	Three-line Plain Material: PVC Colour: White Self-adhesive	238273
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Labels for BG 092 rotary actuator Art. No.

	Dia. 30.8 0 to 6	227496
	Dia. 30.8 0 to 10	227497
	Dia. 30.8 0 to 100	227498




Closing part Art. No.

	8602C3-733-B for closing unused holes in cover, dia. 30.5 mm, NBR	244306
	8602C3-733-S for closing unused holes in cover, dia. 30.5 mm, silicone	244307


Label set for ASSY732 Art. No.

	The label set contains two dia. 30.8 mm labels 1x label with text HAND-0-AUTO 1x label with text LOCAL-REMOTE	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

Special key Art. No.


	for tightening plastic locking nut	169101
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Installation equipment

Rotary actuator (potentiometer)



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Covering		Art. No.
	for NEC indicator lamp BG 054 and NEC potentiometer BG 092	252023

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.