Hygiene - Mounting & Operating Instructions

(Translation of the original operating instructions)

V12, 26.04.2022
art.no.: 6154042000

1 About Safety

1.1 ⚠ Safety Regulations: These operating & mounting instructions must be provided to the person who installs the hygiene products. Please read it carefully and keep it for future reference.

1.2 Usage: The pushbuttons are used for operating machines and installations.

The following (inter)national statutory provisions apply to installation, commissioning and regular technical inspections:
- Machinery Directive 2006/42/EG
- Safety regulations as well as
- Regulations of the accident prevention / safety rules

Manufacturers and operators of machines should retain the responsibility for the adherence of these instructions as well as for compliance with the relevant safety regulations and rules.

For the application the respective norms for installation must be observed:

⚠ Disconnect equipment and device from the mains before installation!

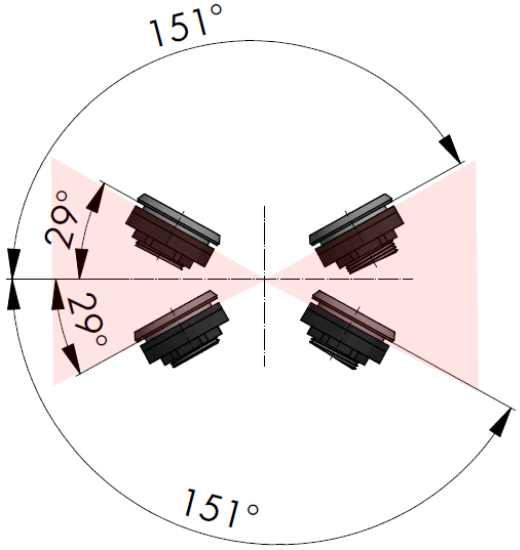
⚠ Improper installation or unauthorised modifications may lead to severe personal injuries!

⚠ Improper assembly or tampering may result in machinery and material damage!

(!) Standard range of ambient temperature from -25°C to +70°C, possible deviations are stated in the data sheet.

(!) Standard degree of protection IP65, IP69k possible deviations are stated in the data sheet.

(!) Mounting position:
The mounting position may not be in the areas marked in red and must be between 29° and 151° so that liquids can flow off.



The pushbuttons RRJVAFT and SVACFT are designed to trigger operating units manually. For example, they can be mounted in a membrane keyboard together with a touch screen.

All external components are suitable for installation in splash areas of food processing machines acc. to DIN EN 1672-2:2021, DIN EN ISO 14159:2009 "product contact area" or in non-food sectors.
Use is possible for normal indoor and outdoor operating environments and/or for hygienic operating environments. The hygiene components themselves are not intended to be installed in areas having direct contact with food (but in the splash area).

1.3 Cleaning
The surfaces of the pushbuttons for hygienic areas (RRJVAFT..., SVACFT ...) are suitable for wipe cleaning with a clean cotton cloth and commercially cleaning agents with acidity of low concentration. High concentrated solutions, acids and cleansers, hard cleaning utensils like steel wool and steel brushes are not suitable for the surface cleaning.

Remark:
- good resistance against weak acids, alkalis and alcohols
- limited resistance against hydrocarbons (petrol, oil, etc.)!
- Cleaning with high-pressure cleaners is not recommended, if so the water pressure must be limited to 40 bar max. and the water temperature to 70°C max.

1.4 Technical Data and Connection:
Please note the connection data in the data sheets of the relative contact blocks.

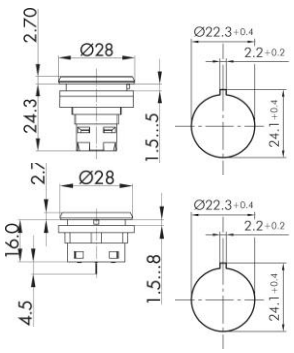
2 Product Description

2.1 Construction:
The pushbutton consist of the pushbutton head and the contact block. In order to fix the contact block it is clicked onto the pushbutton head RRJVAFT... . The pushbutton head SVACFT... is either equipped with an integrated contact element, or the contact element is being clicked into the pushbutton head neck, or in case of base-plate mounting it is fixed by spacer sleeves or the adapter HRSZ.

2.2 Product Name:
RRJVAFT..., SVACFT..., SVAFT...

3 Assembly and Commissioning

3.1 Remarks
Installation may only be in a closed mounting area.



The pushbuttons must be mounted in a grid of at least 41 mm.
The tightening torque for the fixing nut is noted in the table below.
Smooth front panels with a thickness of 1.5 to 8 mm are suitable for the installation.
The contact element must be latched securely to the pushbutton head. For SVACFT and RRJVAFT this is done by inserting resp. pushing on the contact element.
Mounting position to be observed!

Pushbuttons	Tightening torque fixing nut	
	min.	max.
RRJVAFT...	0.8 Nm	1.2 Nm
SVACFT...	1.5 Nm	1.9 Nm
SVAFT...	1.5 Nm	1.9 Nm

4 Testing Before First Operation:

The pushbutton head is mounted properly in the front panel or in the enclosure and the nut has been fixed with the correct tightening torque.

The contact element is latched with the pushbutton head safe and fix.

Functional test is done by pushing the button to verify if the expected function is given.

5 Regular Technical Inspection

- Based on the risk assessment, the machine designer has to determine the inspection interval. It is, however, recommended that the competent safety officer activates and tests the pushbutton at least once a year to ensure its proper functioning.
- mechanical and electrical functional testing acc. to paragraph 4
- secure mounting
- no visible unauthorised modifications or damages, damaged pushbuttons must be replaced completely
- no loose wire connections

6 Dismounting:

⚠ Before dismounting disconnect equipment and device from the mains!

7 Incident Operating Instructions:

⚠ Mechanical overload or external impact damage may impair the function of the pushbutton. Make functional tests as mentioned under 5.

8 EC Declaration of Conformity:

Manufacturer's name and address:	Georg Schlegel GmbH & Co. KG, Kapellenweg 4, 88525 Dürmentingen,
Authorised person for documentation:	Georg Schlegel GmbH & Co. KG Kapellenweg 4, 88525 Dürmentingen
Product names:	RRJVAFT..., SVACFT..., SVAFT...
Type references:	see product name

The specified products comply with the provisions of the following directives:

Directive:	of:	applied norms:
2014/35/EU	26.02.2014	EN 60947-5-1:2018
2006/42/EG	17.05.2006	EN 1672-2:2021
		EN ISO 14159:2009