13.02.2019

13:09:10h

### Datasheet - SHGV/B01/x1x+x3x

Key transfer system / SHGV - Guard locking device

## SCHMERSAL



Aluminium enlosure

- Protection class IP65
- Bottom-side locking cylinder
- with one actuating head

(Minor differences between the printed image and the original product may exist!)

#### **Ordering details**

Product type description	SHGV/B01/x1x+x3x
Article number	SHGV/B01/x1x+x3x
EAN Code	
notice	In the order/enquiry, the required key bitting numbers "x1x" and the required actuator "x3x" must be indicated (e.g. SHGV/B01/115+BO)! If no lock number is indicated in the order/inquiry, we will supply a lock number at our discretion. The user must ensure that lock numbers are not assigned twice in a single plant (factory site)! If no actuator is specified in the order/enquiry, we supply the default actuator BO. The user must ensure that no double key bit numbers are allocated on one site (company site)!
eCl@ss	27-39-01-90

#### Approval

Approval

#### Classification

B10d Normally-closed contact (NC) Mission time Standards 100.000 operations 20 Years EN ISO 13849-1

#### **Global Properties**

Permanent light	Zuhalteeinrichtung
Standards	IEC/EN 60947-5-1
Compliance with the Directives (Y/N)	Yes
Suitable for safety functions (Y/N)	Yes
Number of actuating directions	4
Materials	
- Material of the housings	Aluminium / Steel chromated
- Material of the cylinder lock	Steel
Housing coating	painted
- Enclosure color	<b>r</b> ed
Color	
- Colour of the key grip	Silver
- Colour of the key	Silver
Weight	370
Key number	
- primary key	x1x
- secondary key	x2x
Actuator	хЗх
Locking system	Included in standard version
Кеу	1

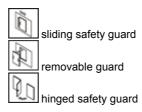
#### Mechanical data

Active principle	mechanical
Mechanical life	100.000 operations
restistance to shock	30 / 18
resistant to vibration	> 15 / 10200
Latching force	5
Clamping force	1750

#### **Ambient conditions**

Ambient temperature		
- Min. environmental temperature	-25	
- Max. environmental temperature	+70	
Storage and transport temperature		
- Min. Storage and transport temperature	-40	
- Max. Storage and transport temperature	+80	
Protection class	IP65 to IEC/EN 60529	
LED switching conditions display		
With integrated LED (Y/N)	No	
ATEX		
Explosion protection categories for gases	None	
Explosion protected category for dusts	None	

#### Miscellaneous data



#### Dimensions

Dimensions	
- Width	40
- Height	103
- Length	90

#### Ordering code

BOF/HIS.1

notice	Not all variations can be supplied. The available order code used to convert the product part name.
(1)	
without	Included in standard version Locking system
-Z/	Central locking system-Locking system
(2)	
without	Included in standard version Silver
/SR	coloured key heads
(3)	
В	Bottom-side locking cylinder
L	Left-hand side locking cylinder
R	Right-hand side locking cylinder
(4)	
D	additional frontal locking cylinder
(5)	
1.0	with one actuating head
1.1	with two actuating heads
	with two doldaling houdo
(6)	
x1x	Key number (n) 100 999
(7)	
x2x	Key number (n) additional frontal locking cylinder 32 99
(8)	
00/00	Colour of the key grip (BR) (GB) (RT) (BL) (WS) (GR) (GR) (SW) and all combinations resulting thereof
(9)	
во	Straight actuator (Included in standard version)
BOW	Angled actuator
BOR	Radius actuator
BOWR	Radius actuator angled

Telescopic actuator, Mounting rear

#### Documents

Datasheet (en) 71 kB, 03.08.2010 Code: gshgvp02

**Datasheet** (de) 73 kB, 03.08.2010 Code: kshgvp02

**Operating instructions and Declaration of conformity** (es) 2 MB, 22.08.2016 Code: mrl\_shgv-sve-svm\_es

**Operating instructions and Declaration of conformity** (jp) 2 MB, 23.03.2017 Code: mrl\_shgv-sve-svm\_jp

**Operating instructions and Declaration of conformity** (de) 2 MB, 25.07.2016 Code: mrl\_shgv-sve-svm\_de

**Operating instructions and Declaration of conformity** (fr) 2 MB, 16.09.2016 Code: mrl\_shgv-sve-svm\_fr

**Operating instructions and Declaration of conformity** (nl) 2 MB, 08.08.2018 Code: mrl\_shgv-sve-svm\_nl

**Operating instructions and Declaration of conformity** (en) 2 MB, 25.07.2016 Code: mrl\_shgv-sve-svm\_en

**Operating instructions and Declaration of conformity** (pt) 2 MB, 23.08.2016 Code: mrl\_shgv-sve-svm\_pt

**Operating instructions and Declaration of conformity** (cn) 2 MB, 27.07.2017 Code: mrl\_shgv-sve-svm\_cn

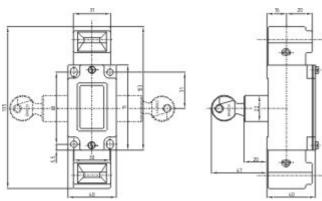
**Operating instructions and Declaration of conformity** (pl) 2 MB, 22.11.2016 Code: mrl\_shgv-sve-svm\_pl

**Operating instructions and Declaration of conformity** (it) 2 MB, 02.09.2016 Code: mrl\_shgv-sve-svm\_it

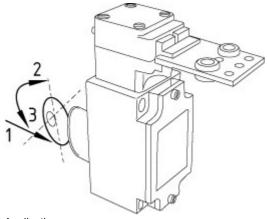
Info (en) 567 kB, 11.09.2012 Code: gshgvp01

Info (de) 372 kB, 11.09.2012 Code: kshgvp01

#### Images



Dimensional drawing (basic component)



Application

#### System components





#### 101025451 - BOF/HIS.2

- Minimum actuating radius 400 mm
- Flexible actuator



#### 101025450 - BOF/HIS.1

- Minimum actuating radius 400 mm
- Flexible actuator

#### 101014463 - BOWR

- Minimum actuating radius 350 mm
- Angled actuator

#### 101014461 - BOR

- Minimum actuating radius 350 mm
- Straight actuator





#### 101014462 - BOW

- Minimum actuating radius 400 mm
- Angled actuator

# 0.0

#### 101014460 - BO

- Minimum actuating radius 400 mm
- Straight actuator

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal The data and values have been checked throroughly. Technical modifications and errors excepted. Generiert am 13.02.2019 - 13:09:11h Kasbase 3.3.0.F.64I