

## SDG01.1044

- Head positioned to the front
- Metal enclosure
- 50 mm x 152 mm x 43 mm
- Long life

## Data

### Ordering data

Product type description	SDG01.1044
Article number (order number)	101020910
EAN (European Article Number)	4030661610238
eCl@ss number, version 12.0	27-27-26-02
eCl@ss number, version 11.0	27-27-26-02
eCl@ss number, version 9.0	27-27-26-02
ETIM number, version 7.0	EC002592
ETIM number, version 6.0	EC002592

### Approvals - Standards

Certificates	cULus
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### General data

Standards	BG-GS-ET-15 EN ISO 14119 EN IEC 60947-5-1
Housing material	Aluminium
Housing coating material	painted

Gross weight	426 g
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### General data - Features

Number of auxiliary contacts	2
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Number of safety contacts	1
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### Safety classification

Standards	EN ISO 13849-1
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Mission time	20 Year(s)
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### Safety classification - Safety outputs

B <sub>10D</sub> Normally-closed contact (NC)	2,000,000 Operations
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B <sub>10D</sub> Normally open contact (NO)	1,000,000 Operations
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### Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Positive break travel	11 mm
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Positive break force, minimum	5 N
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Note (Positive break force)	per NC
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### Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
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Cable section, minimum	0.5 mm <sup>2</sup>
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Cable section, maximum	2.5 mm <sup>2</sup>
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Note (Cable section)	All indications including the conductor ferrules.
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### Mechanical data - Dimensions

Length of sensor	43 mm
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Width of sensor	50 mm
Height of sensor	152 mm

### Ambient conditions

Degree of protection	IP67
Ambient temperature	-25 ... +70 °C

### Ambient conditions - Insulation values

Rated insulation voltage $U_i$	400 V
Rated impulse withstand voltage $U_{imp}$	2.5 kV

### Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	8 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	5 A
Switching element	NO contact, NC contact
Switching principle	Slow action
Material of the contacts, electrical	Silver

### Scope of delivery

Scope of delivery	Actuator must be ordered separately.
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### Ordering code

Product type description:  
SDG(1)/(2)

(1)

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**01** Head positioned to the front

<b>02</b>	Head positioned to the left
<b>03</b>	Head positioned to the right
<b>04</b>	Head positioned to the rear
(2)	
<b>1103</b>	2 NC contact / 1 NO contact slow action switching contact
<b>3330</b>	3 NC contacts slow action switching contact
<b>3440</b>	3 NC contacts gradually slow action switching contact
<b>1044</b>	1 NC contact / 2 NO contacts slow action switching contact

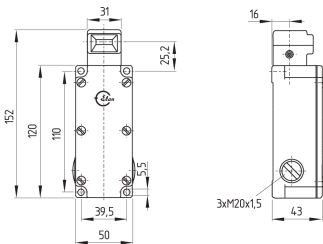
## Pictures

### Product picture (catalogue individual photo)



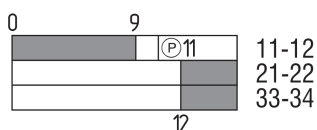
ID: ksdg-f01  
 | 1.2 MB | .jpg | 333.375 x 757.767 mm - 945 x 2148 px - 72 dpi  
 | 88.6 kB | .png | 74.083 x 168.275 mm - 210 x 477 px - 72 dpi  
 | 31.5 kB | .jpg | 54.328 x 123.472 mm - 154 x 350 px - 72 dpi

### Dimensional drawing basic component



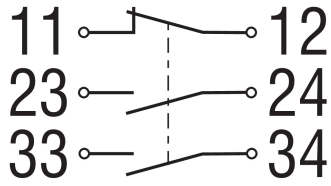
ID: kshg-g03  
 | 31.9 kB | .cdr |  
 | 4.1 kB | .png | 74.083 x 55.033 mm - 210 x 156 px - 72 dpi  
 | 113.7 kB | .jpg | 352.778 x 262.114 mm - 1000 x 743 px - 72 dpi

### Switch travel diagram



ID: kshg-s07  
 | 20.1 kB | .cdr |  
 | 1.9 kB | .png | 74.083 x 27.517 mm - 210 x 78 px - 72 dpi  
 | 48.5 kB | .jpg | 352.778 x 131.586 mm - 1000 x 373 px - 72 dpi

## Diagram



ID: kshg-k05

| 17.7 kB | .cdr |

| 87.7 kB | .jpg | 352.778 x 191.558 mm - 1000 x 543 px - 72 dpi

| 3.4 kB | .png | 74.083 x 40.217 mm - 210 x 114 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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