



## RDMSW

- Push button with membrane
- Symbols still clearly visible under transparent membrane

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| Product type description      | RDMSW         |
| Article number (order number) | 101188272     |
| EAN (European Article Number) | 4030661604022 |
| eCl@ss number, version 9.0    | 27-37-12-10   |
| eCl@ss number, version 11.0   | 27-37-12-10   |
| eCl@ss number, version 12.0   | 27-37-12-10   |
| ETIM number, version 7.0      | EC000221      |
| ETIM number, version 6.0      | EC000221      |

### General data

|                                         |                                                                                                              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Standards                               | EN IEC 60947-1<br>EN IEC 62061<br>EN IEC 60947-5-1<br>EN IEC 60947-5-3<br>EN IEC 60947-5-5<br>EN IEC 60204-1 |
| Versions                                | Embeddable button - Front plate mounting                                                                     |
| Design                                  | Round                                                                                                        |
| Installation conditions<br>(mechanical) | arbitrarily                                                                                                  |

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Sealing type                    | Membrane<br>Lip gaskets<br>Form seals |
| Material of the operators       | Aluminium                             |
| Material of the front ring      | Aluminium                             |
| Colour of the operating element | Black                                 |
| Colour of the front ring        | Silver                                |
| Gross weight                    | 40 g                                  |

### General data - Features

|                  |     |
|------------------|-----|
| Membrane         | Yes |
| Mounting flange  | Yes |
| Probing possible | Yes |
| Fully insulated  | Yes |

### Mechanical data

|                                |                      |
|--------------------------------|----------------------|
| Unlocking                      | without              |
| Mechanical life, minimum       | 1,000,000 Operations |
| Actuating stroke               | 4 mm                 |
| Actuating force, approx.       | 2 N                  |
| Mounting                       | Mounting flange EFM  |
| Tightening torque of the screw | 0.6 Nm               |

### Mechanical data - Dimensions

|                                          |               |
|------------------------------------------|---------------|
| Height                                   | 12 mm         |
| Diameter total                           | 39.5 mm       |
| Height of touch surface                  | 1.5 mm        |
| Diameter of touch surface                | 28 mm         |
| Diameter of the front ring               | 39.5 mm       |
| Diameter hole                            | 22.3 mm       |
| Diameter hole, with tolerance indication | 22.3 + 0.4 mm |

|                                           |            |
|-------------------------------------------|------------|
| Thickness, of the front panel,<br>minimum | 1 mm       |
| Thickness of the front panel,<br>maximum  | 6 mm       |
| Spacing                                   | 40 x 50 mm |

### Ambient conditions

|                              |        |
|------------------------------|--------|
| Degree of protection         | IP65   |
| Ambient temperature, minimum | -25 °C |
| Ambient temperature, maximum | +75 °C |
| Resistance to shock          | 50 g   |

### Electrical data

|                     |          |
|---------------------|----------|
| Switching frequency | 1,200 /h |
|---------------------|----------|

### Note

|                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| Note (General) | The membrane protects the button against grinding dust or other pasty, viscous substances. |
|----------------|--------------------------------------------------------------------------------------------|

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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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