



### Main

|                                |                                |
|--------------------------------|--------------------------------|
| Range of product               | Harmony XB4                    |
| Product or component type      | Head for joystick controller   |
| Device short name              | ZB4                            |
| Bezel material                 | Chromium plated metal          |
| Mounting diameter              | 22 mm                          |
| Sale per indivisible quantity  | 1                              |
| Shape of signaling unit head   | Round                          |
| Type of operator               | To zero position spring return |
| Operator profile               | 54 mm long operating shaft     |
| Operator direction information | 2 directions                   |

### Complementary

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Net weight                         | 0.022 kg                              |
| Resistance to high pressure washer | 7000000 Pa at 55 °C, distance : 0.1 m |
| Operator position information      | 3 positions                           |
| Mechanical durability              | 1000000 cycles                        |
| Device presentation                | Basic element                         |

### Environment

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                                                                             |
| Ambient air temperature for storage   | -40...70 °C                                                                                                                                                                    |
| Ambient air temperature for operation | -25...70 °C                                                                                                                                                                    |
| Electrical shock protection class     | Class I conforming to IEC 60536                                                                                                                                                |
| IP degree of protection               | IP66 conforming to IEC 60529                                                                                                                                                   |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                                                                             |
| IK degree of protection               | IK03 conforming to IEC 50102                                                                                                                                                   |
| Standards                             | EN/IEC 60947-5-5<br>EN/IEC 60947-1<br>UL 508<br>JIS C8201-5-1<br>CSA C22.2 No 14<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>JIS C8201-1                                        |
| Product certifications                | DNV<br>UL listed<br>BV<br>RINA<br>LROS (Lloyds register of shipping)<br>CSA<br>GL                                                                                              |
| Vibration resistance                  | 5 gn (f= 2...500 Hz) conforming to IEC 60068-2-6                                                                                                                               |
| Shock resistance                      | 30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 60 g    |
| Package 1 Height             | 9.4 cm  |
| Package 1 width              | 3.6 cm  |
| Package 1 Length             | 5.4 cm  |
| Unit Type of Package 2       | S02     |
| Number of Units in Package 2 | 55      |
| Package 2 Weight             | 3.65 kg |
| Package 2 Height             | 15 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                              |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|