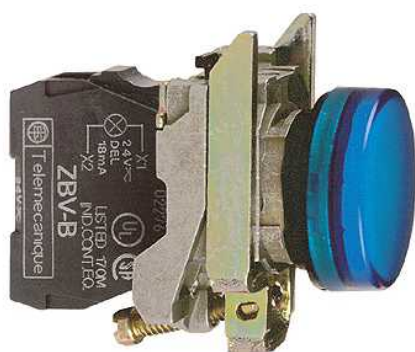


# XB4BVB6EX

round pilot light Ø 22 - IP65 - blue - integral  
LED - 24 V - lugs - ATEX



## Main

|                                 |                       |
|---------------------------------|-----------------------|
| Commercial Status               | Commercialised        |
| Range of product                | Harmony XB4           |
| Product or component type       | Complete pilot light  |
| Device short name               | XB4                   |
| Bezel material                  | Chromium plated metal |
| Fixing collar material          | Zamak                 |
| Mounting diameter               | 22 mm                 |
| Sale per indivisible quantity   | 1                     |
| Dust zone                       | Zone 21 - 22          |
| Operator additional information | With plain lens       |

## Complementary

|  |   |
|--|---|
| Resistance to high pressure washer     | 7000000 Pa at 55 °C at 0.1 m  |
| Device mounting                        | Fixing hole Ø 22.5 mm (22.3 +0.4/0)   |
| Fixing center                          | >= 30 x 40 mm on support panel  |
| Embedding depth                        | 43 mm   |
| Marking                                | II2 D-Ex tD A21 IP65/66   |
| Shape of signaling unit head           | Round   |
| Cap/Operator or lens colour            | Blue  |
| Connections - terminals                | Screw clamp terminals, clamping capacity: 1 x 0.22...2 x 2.5 mm <sup>2</sup> without cable end conforming to EN/IEC 60947-1<br>Screw clamp terminals, clamping capacity: <= 2 x 1.5 mm <sup>2</sup> with cable end conforming to EN/IEC 60947-1 |
| [Ui] rated insulation voltage          | 250 V (degree of pollution: 3) conforming to EN 60947-1   |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN 60947-1   |
| Signalling type                        | Steady  |
| Light source                           | Integral LED  |
| Light source colour                    | Blue  |
| [Us] rated supply voltage              | 24 V AC/DC 50/60 Hz   |
| Supply voltage limits                  | 21.6...26.4 V AC  |
| Current consumption                    | 18 mA   |
| Service life                           | 100000 h at rated voltage and 25 °C   |
| Surge withstand                        | 1 kV conforming to IEC 61000-4-5  |

## Environment

|  |                                 |
|--|---------------------------------|
| Protective treatment                       | TH                              |
| Ambient air temperature for storage        | -40...70 °C                     |
| Ambient air temperature for operation      | -25...70 °C                     |
| Class of protection against electric shock | Class I conforming to IEC 60536 |
| IP degree of protection                    | IP66 conforming to IEC 60529    |
| NEMA degree of protection                  | NEMA 4X<br>NEMA 13              |
| IK degree of protection                    | IK05 conforming to IEC 50102    |

|                                       |  |
|---------------------------------------|--|
| Standards                             | Directive ATEX 94/9/EC<br>EN 50014<br>EN 50281-1-1<br>IEC 61241-0<br>IEC 61241-1<br>INERIS 04ATEX9004U   |
| Vibration resistance                  | 5 gn (f = 12...500 Hz) conforming to IEC 60068-2-6   |
| Shock resistance                      | 50 gn for 11 ms half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn for 18 ms half sine wave acceleration conforming to IEC 60068-2-27 |
| Resistance to fast transients         | 2 kV conforming to IEC 61000-4-4   |
| Resistance to electromagnetic fields  | 10 V/m conforming to IEC 61000-4-3   |
| Resistance to electrostatic discharge | 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2<br>6 kV on contact (on metal parts) conforming to IEC 61000-4-2                   |
| Electromagnetic emission              | Class B conforming to IEC 55011  |

### Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|