



## Main

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Range of product           | OsiSense XC                                             |
| Series name                | Special format                                          |
| Product or component type  | Microswitch                                             |
| Device short name          | XC0                                                     |
| Detector design            | Sealed                                                  |
| Head type                  | Plunger head                                            |
| Fixing mode                | By the body with steel, zinc passivated fixing supports |
| Movement of operating head | Linear                                                  |
| Type of operator           | Domed plunger                                           |
| Switch actuation           | On end                                                  |
| Type of approach           | Vertical approach                                       |
| Electrical connection      | A05 VVF cable                                           |
| Cable length               | 2 m                                                     |
| Cable composition          | 3 x 0.75 mm <sup>2</sup>                                |
| Contacts operation         | Snap action                                             |
| Contacts material          | Silver contacts                                         |

## Complementary

|                                             |                      |
|---------------------------------------------|----------------------|
| Cable outer diameter                        | ≤ 7.6 mm             |
| Maximum force for tripping                  | 5.3 N                |
| Minimum release force                       | 1.5 N                |
| Maximum permanent end of travel force       | 30 N                 |
| Tripping point                              | 17.4 mm              |
| Maximum differential travel                 | 0.2 mm               |
| Minimum over travel                         | 0.2 mm               |
| Inter contact distance                      | 0.5 mm               |
| [Ie] rated operational current              | 1 A 24 V 50/60 Hz    |
| [Ith] conventional free air thermal current | 12 A                 |
| [Ui] rated insulation voltage               | 60 V                 |
| Electrical durability                       | 500000 cycles AC-15, |
| Mechanical durability                       | 2000000 cycles       |
| Width                                       | 24 mm                |
| Height                                      | 71 mm                |
| Depth                                       | 18.3 mm              |
| Product weight                              | 0.15 kg              |
| CAD overall width                           | 71 mm                |
| CAD overall height                          | 18 mm                |
| CAD overall depth                           | 32 mm                |

## Environment

|                                       |               |
|---------------------------------------|---------------|
| IP degree of protection               | IP66          |
| Ambient air temperature for operation | 0...85 °C     |
| Marking                               | CE            |
| Standards                             | IEC 60947-5-1 |