

# Capacitive sensor switch with IO-Link Standard

84-ASKS-B14-04A0



<https://www.eao.com/component/84-ASKS-B14-04A...>

Your product:

---



84-ASKS-B14-04A0

Capacitive sensor switch with IO-Link  
Standard

#### FRONT

|                       |         |
|-----------------------|---------|
| Front dimension:      | Ø 30 mm |
| Front form:           | Round   |
| Front bezel material: | Plastic |

#### MOUNTING

|                   |                |
|-------------------|----------------|
| Design:           | Flush          |
| Mounting cut-out: | Ø 22.5 mm      |
| Mounting type:    | Panel mounting |

#### OPERATING-/INDICATION PART

|                    |               |
|--------------------|---------------|
| Lens material:     | Plastic       |
| Lens illumination: | Illuminated   |
| Lens shape:        | Flush         |
| Lens optics:       | transparent   |
| Symbol:            | Standby (B14) |

#### ELECTRICAL CHARACTERISTICS

|                          |                       |
|--------------------------|-----------------------|
| Operating voltage:       | 8.4 - 32 V DC         |
| Communication interface: | IO-Link specification |

#### MECHANICAL CHARACTERISTICS

|           |               |
|-----------|---------------|
| Terminal: | Connector M12 |
|-----------|---------------|

|                          |                              |
|--------------------------|------------------------------|
| <b>Switching system:</b> | Capacitive                   |
| <b>Operating force:</b>  | No actuating force necessary |
| <b>Weight:</b>           | 0.015 kg                     |

## AMBIENT CONDITION

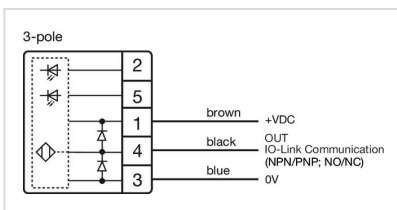
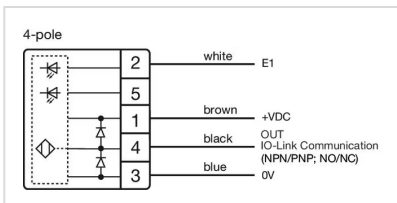
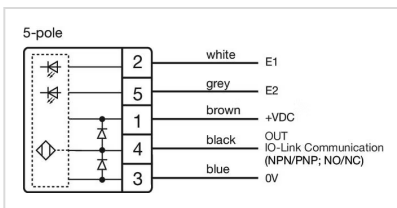
|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>IP front protection:</b>   | IP69K                                       |
| <b>IK front protection:</b>   | IK08                                        |
| <b>Operating temperature:</b> | – 30 °C ... + 65 °C                         |
| <b>Climate resistance:</b>    | Relative humidity, max. 95%, non-condensing |

## CERTIFICATE

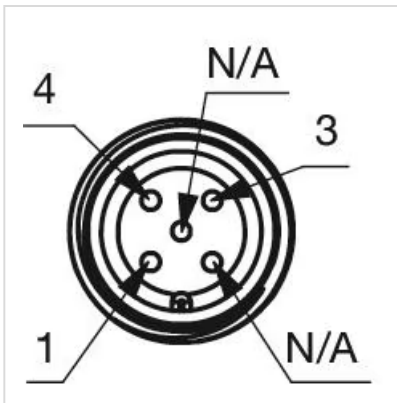
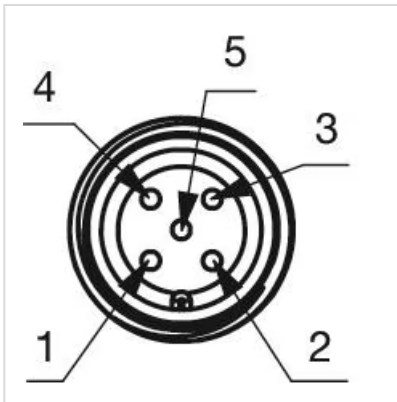
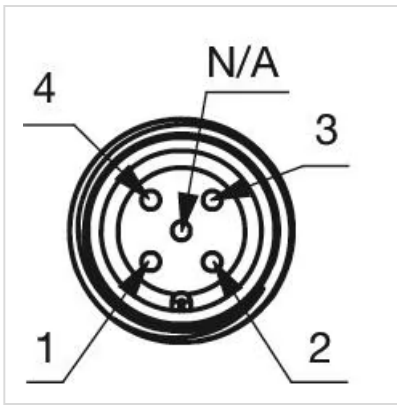
|                      |                 |
|----------------------|-----------------|
| <b>Approbations:</b> | CSA, EHEDG      |
| <b>Conformities:</b> | CE, UKCA        |
| <b>REACH:</b>        | REACH compliant |
| <b>RoHS:</b>         | RoHS compliant  |

## OTHER

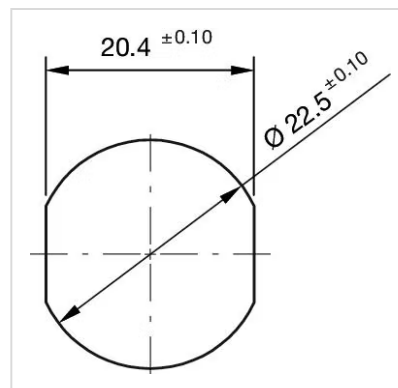
|                           |                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Description:</b> | Capacitive sensor switch with IO-Link Standard, Ø 22.5 mm, Ø 30 mm, Flush, Illuminated, Plastic, transparent, Round, Plastic, Connector M12, IP69K, IK08, Standby (B14) |
| <b>Housing colour:</b>    | Black                                                                                                                                                                   |
| <b>Housing material:</b>  | Plastic                                                                                                                                                                 |
| <b>Wiring diagrams:</b>   |                                                                                                                                                                         |



**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**

