

Capacitive sensor switch with IO-Link Stainless Steel

84-ADKS-B13-04AD

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Farnell



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Your product:



84-ADKS-B13-04AD

Capacitive sensor switch with IO-Link
Stainless Steel

FRONT

| | |
|-----------------------|----------------------|
| Front dimension: | Ø 30 mm |
| Front form: | Round |
| Front bezel material: | Stainless steel 316L |

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: | RESET (B13) |

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

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

| | |
|--------------------------|------------------------------|
| Switching system: | Capacitive |
| Operating force: | No actuating force necessary |
| Weight: | 0.015 kg |

AMBIENT CONDITION

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

CERTIFICATE

| | |
|----------------------|-----------------|
| Approbations: | CSA, EHEDG |
| Conformities: | CE, UKCA |
| REACH: | REACH compliant |
| RoHS: | RoHS compliant |

OTHER

| | |
|---------------------------|---|
| Short Description: | Capacitive sensor switch with IO-Link Stainless Steel, Ø 22.5 mm, Ø 30 mm, Flush, Illuminated, Plastic, transparent, Round, Stainless steel 316L, Connector M12, IP69K, IK08, RESET (B13) |
|---------------------------|---|

| | |
|------------------------|-------|
| Housing colour: | Black |
|------------------------|-------|

| | |
|--------------------------|---------|
| Housing material: | Plastic |
|--------------------------|---------|

Wiring diagrams:



Component layouts:

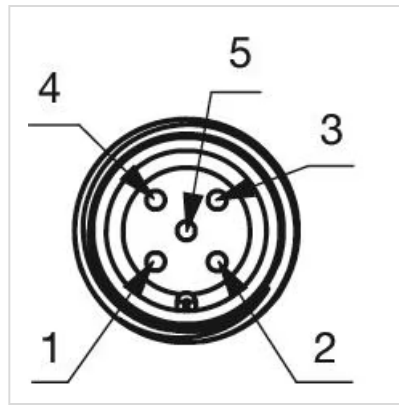


Figure 10 shows two views of a part with a hole. The left view is a front view showing a hole with a diameter of 20.4 ± 0.10 and a hole diameter of 22.5 ± 0.10. The right view is a side view showing a hole with a diameter of 22.5 ± 0.10.

Technical drawing of the M12x1.5mm ball bearing cap nut (part 1). The drawing includes a front view on the left and a side view on the right. The front view shows a circular cross-section with an outer diameter of $\varnothing 30$ and an inner hole diameter of $\varnothing 17.8$. A dimension of 1.1 indicates the height of the top flange. The side view shows the profile of the nut with a total height of 26.2 and a base thickness of 3.5. Two screw holes are indicated: M22x1 for the top flange and M12x1 for the main body.