

# Capacitive sensor switch with IO-Link Standard

84-ASKS-B15-04A1

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84-ASKS-B15-04A1

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:	arrows (B15)

#### ELECTRICAL CHARACTERISTICS

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

#### MECHANICAL CHARACTERISTIC

Terminal:	Connector M12
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<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

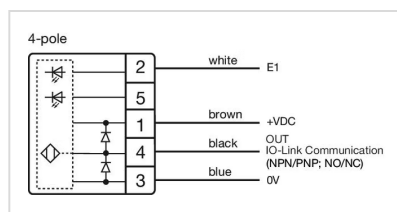
## OTHER

<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, arrows (B15)
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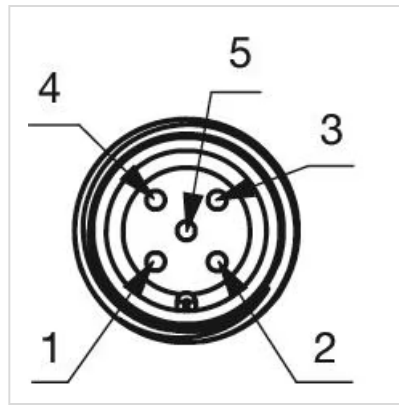
<b>Housing colour:</b>	Black
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<b>Housing material:</b>	Plastic
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### Wiring diagrams:



### Component layouts:



Technical drawing of a circular part with a square corner. The top width is dimensioned as  $20.4 \pm 0.10$ . A diagonal feature is dimensioned as  $\text{Ø } 22.5 \pm 0.10$ .

Technical drawing of the M12x1.5 lock cylinder. The front view (left) shows a circular cylinder with an outer diameter of  $\varnothing 30$  and an inner bore diameter of  $\varnothing 17.8$ . The total height is 1.8. The side view (right) shows the cylinder mounted on a plate. The mounting plate has a thickness of 2.2. The cylinder is secured with an M12x1.5 screw. The distance from the mounting plate to the cylinder is 25.8. The distance from the cylinder to the edge of the plate is 4.1.