

Capacitive sensor switch with IO-Link Standard

84-ASKS-B13-049F

Distribution by
Farnell



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Your product:



84-ASKS-B13-049F

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:	RESET (B13)

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Terminal:	Connector M12
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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 Standard, Ø 22.5 mm, Ø 30 mm, Flush, Illuminated, Plastic, transparent, Round, Plastic, Connector M12, IP69K, IK08, RESET (B13)
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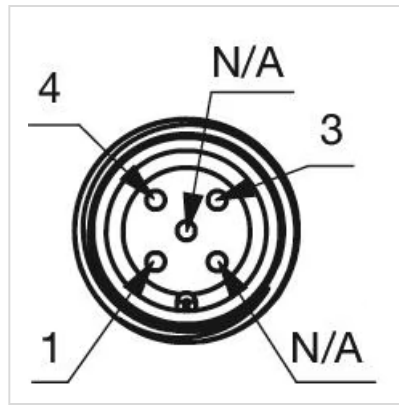
Housing colour:	Black
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Housing material:	Plastic
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Wiring diagrams:



Component layouts:



Technical drawing of a circular part with a square corner. The top width is dimensioned as 20.4 ± 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 mounting flange has a thickness of 1.8. The side view (right) shows the cylinder installed in a door, with a total mounting depth of 25.8 and a flange thickness of 4.1. The mounting screws are labeled M12x1.5 and M22x1. A dimension line indicates a distance of 4×10 from the center to the edge of the mounting plate.