

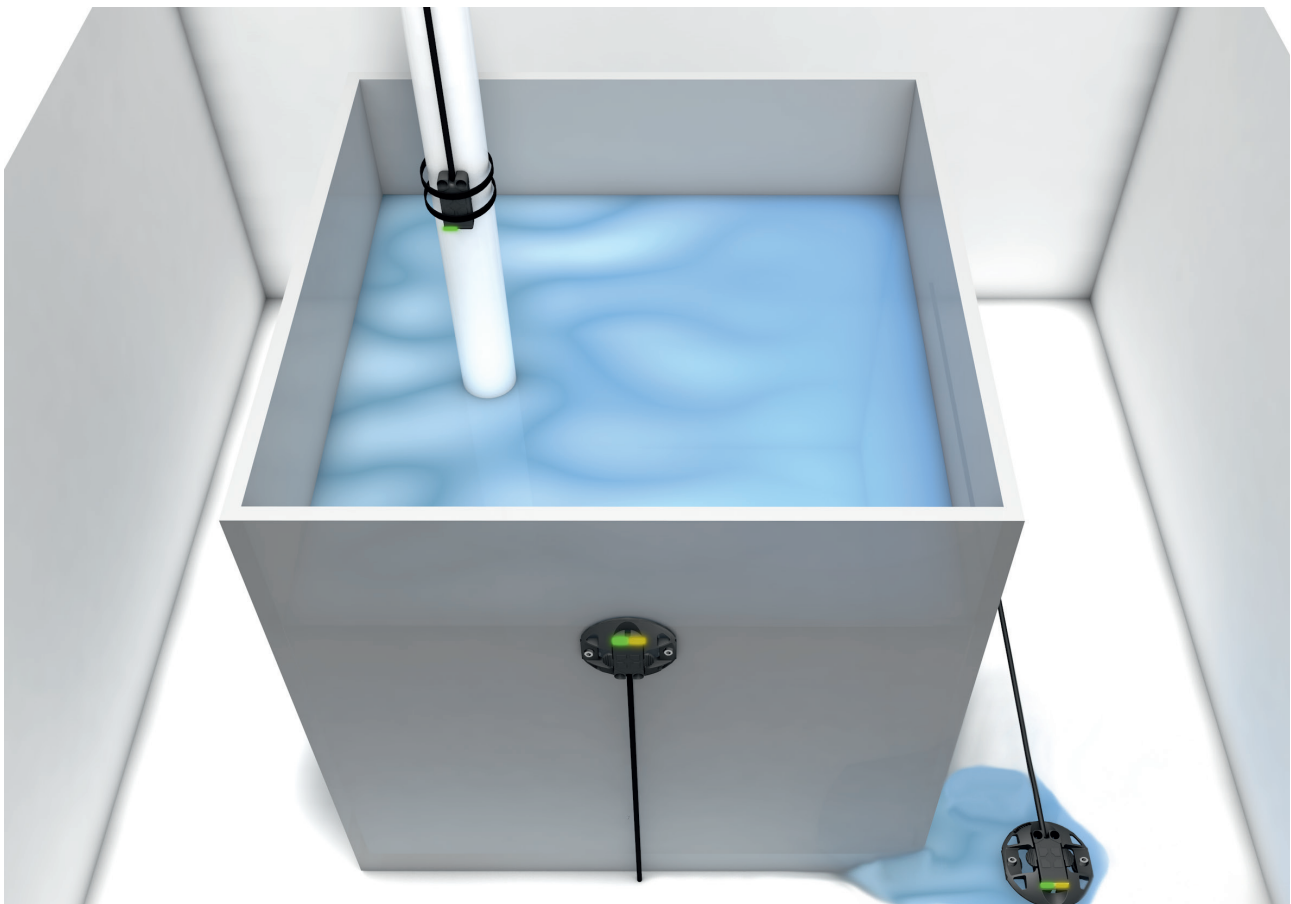
Block-styles, 16 × 34 × 8 mm Micro-Box – SMARTLEVEL 50

CAPACITIVE SENSORS FOR LEVEL DETECTION

Detect conductive media in plastic tubes or glass pipes
 Detect conductive media through the container wall with a thickness of up to 10 mm
 Sense highly conductive media up to 50 mS/cm, such as acids and bases
 Medical technology: detect body fluids (e.g. blood, even when foam has formed)
 Semiconductor industry: detect process fluids without direct media contact

Features

- Teachable using the wire connection
- Available as IO-Link versions
- Easy to install on tubes with cable ties



CAPACITIVE SENSORS
FOR LEVEL DETECTION



PNP, Normally open (NO)	BCS012Z	BCS012H	
PNP, Normally closed (NC)	BCS0130	BCS012J	
PNP, NO/NC, IO-Link			BCS012P
NPN, Normally open (NO)	BCS0131	BCS012K	
NPN, Normally closed (NC)	BCS0132	BCS012L	
Dimensions	16 × 8 × 34 mm	16 × 8 × 34 mm	16 × 8 × 34 mm
Mech. installation condition	Flush with container outer wall	Flush with container outer wall	Flush with container outer wall
Interface			IO-Link
Supply voltage	12...30 V	12...30 V	12...30 V
Ambient temperature	-25 ...+70 °C	-25 ...+70 °C	-25 ...+70 °C
Eff. operating current I _e	50	50	50
Housing material	PP	PP	PP
Sensing face material	PP	PP	PP
Connection	Cable with connector, PUR, 0.30 m	Cable, PUR, 2 m	Cable with connector, PUR, 0.30 m M12 × 1-S04

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