

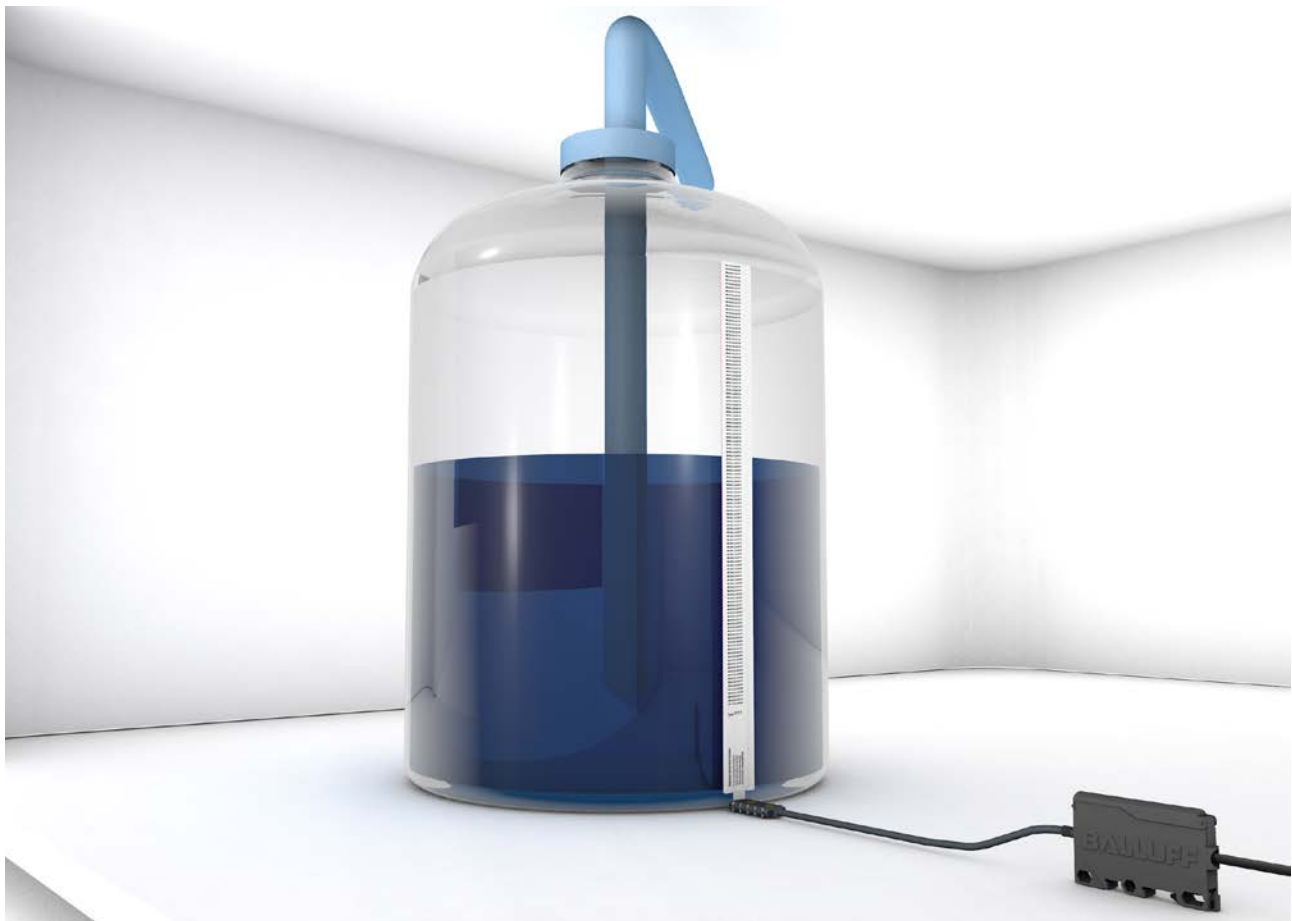
Flexible, self-adhesive capacitive sensor head BCW FOR LEVEL DETECTION OVER A WIDE RANGE

The self-adhesive capacitive sensor head is suitable for non-contact and continuous level detection on container or pipe walls over a wide detection range. The sensor head is flexible and can cut into desired length. The integrated adhesive surface can be easily attached to container or pipe walls without use of additional accessories.

The separately available amplifier makes it possible to reliably detect levels either as analog values or via IO-Link continuously. You are able to use functions such as minimum or maximum value exceedance. Just one sensor can be used for an overall level monitoring.

Features

- Measure continuously
- Non-contact
- Cut-to-length (min. 108 mm)
- Detection range up to 850 mm
- Flexible sensor electrode
- Versatile setting options using analog or IO-Link amplifier



SELF-ADHESIVE
CAPACITIVE SENSOR HEAD



	BCW0004
Dimensions	850 × 33 × 1.7 mm
Output signal (BAE)	0...10 V, 4...20 mA, IO-Link, COM 2
Repeat accuracy	±2 % FS
Ambient temperature	0...+60 °C
Protection type of sensor head	IP64
Material	Adhesive electrode: Polyester Adhesive tape 3M VHB 5925 Electronics box PA (Hotmelt)
Container wall thicknesses	Conductive, polar media (water-based) 2...6 mm Non-conductive media (oil, dry bulk materials) up to 2 mm
Container wall material	Plastics, glass, ceramic (non-conductive, no carbon fibers)
Connector	0.3 m PUR cable with special connector

ACCESSORIES



	BAE00KJ	BAE00LA	BAE00LC	
Description	Sensor amplifier (convenience version) with 2 m PUR cable	Sensor amplifier (convenience version) with M12 connector, 4-pin	Sensor amplifier (IO-Link interface) with M12 connector, 4-pin	

CONNECTOR



	BCC0E4J	BCC04JY	BCC04JZ	
Description	Cable adapter for capacitive sensors with 0.5 m PUR cable	Cable adapter for capacitive sensors with 3 m PUR cable	Cable adapter for capacitive sensors with 8 m PUR cable	