

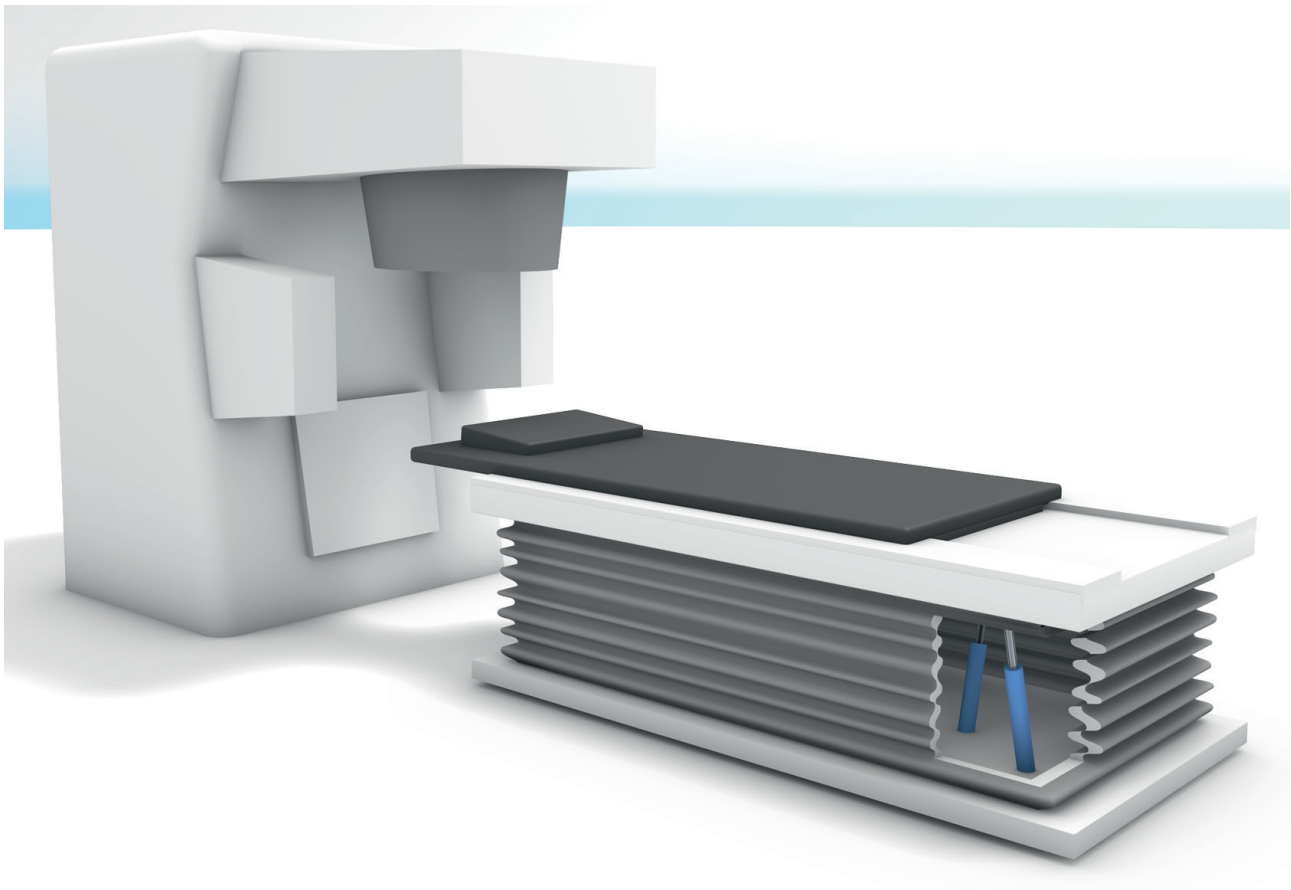
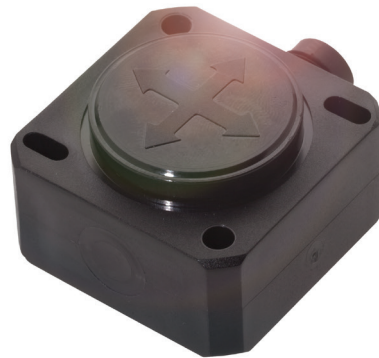
Angle measurement made easy

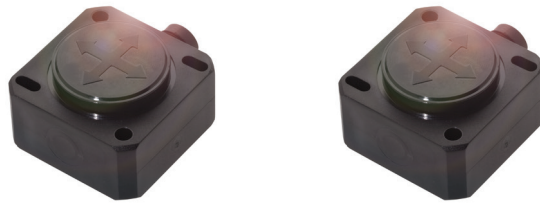
INCLINATION SENSORS

Inclination sensors BSI provide direct angle measurement using a non-contact, wear-free sensing principle. Installation is simple and requires no additional mechanisms or external targets. This simplicity opens up a diverse range of applications, for example packaging machines or medical lab automation equipment.

Features

- Compact
- Low-cost
- One- or two-axis measurement





INCLINATION SENSOR

Range $\pm 15^\circ$	BSI000J	BSI000W	
Range $\pm 30^\circ$	BSI000K	BSI000Y	
Range $\pm 90^\circ$	BSI000R	BSI0012	
Metering shafts	1	1	
Resolution	0.09°	0.09°	
Output curve deviation max.	$\pm 0.6^\circ \dots 0.8^\circ$	$\pm 0.6^\circ \dots 0.8^\circ$	
Analog output	4...20 mA	4...20 mA	
Housing material	Plastic material	Plastic material	
Operating temperature	-25 ...+85 °C	-25 ...+85 °C	
Connection	Connector, M12x1	Connector, M12x1	

Find additional products at: www.balluff.com.



CONNECTORS

	BCC08KN	BCC08KP	BCC08KR
Description	M12x1-Female, straight, 5-pin, A-coded	M12x1-Female, straight, 5-pin, A-coded	M12x1-Female, straight, 5-pin, A-coded

Services



Service – You can rely on our support over the entire life cycle of our products and solutions: Including the design and planning of your projects, testing and setup on site, and training and support. For more information, visit us online at www.balluff.com/en/de/service/services/