

Types of smart sensor

	High performance sensor		Standard performance sensor	
Part No.	3AFP9254388	3AFP9242910	3AXD50000823772	3AXD50000823789
Description	G2 high-performance smart sensor with flat mounting kit. Subscription is not included.	G2 high-performance smart sensor with aluminium bracket mounting kit. Subscription is not included.	G2 standard performance smart sensor with flat mounting kit. Subscription is not included.	G2 standard performance smart sensor with flat mounting kit. Subscription is not included.
Battery life	Up to 15 years		Up to 5 years	
Battery type (not replaceable)	C-type		AA-type	
Dangerous goods group	UN3091, Lithium metal batteries / cells-P1970 section I		UN3091, Lithium metal batteries / cells P1970 section III	
Low frequency acceleration measurement (x, y, z direction)	0.1 Hz – 1.5 kHz		0.1 Hz – 1.5 kHz	
High frequency acceleration measurement (z direction)	100 Hz – 20 kHz		N/A	
Magnetic field measurement (x, y, z direction)	0.1-250 Hz, 1 – 1600 µT		0.1-250 Hz, 1 – 1600 µT	
Ultrasonic sound measurement	100 Hz – 80 kHz, 0.6 mN/m ² – 20 N/m ²		100 Hz – 80 kHz, 0.6m N/m ² – 20 N/m	
Communication	Bluetooth® 5.0, Bluetooth® Low Energy or WirelessHART		Bluetooth® 5.0, Bluetooth® Low Energy	
Dimensions (WxDxH) and weight	82 mm x 69 mm x 45 mm, 185 g		75 mm x 58 mm x 33 mm, 130 g	

Subscriptions

	Smart Sensor 2-year subscription	Smart Sensor 5-year subscription
Part No.	3AFP9191436	3AFP9253864
Description	2 years ABB Ability Smart Sensor Subscription. Subscription enables full functionality for the Smart Sensor platform.	5 years ABB Ability Smart Sensor Subscription. Subscription enables full functionality for the Smart Sensor platform.

Accessories

	Cassia X2000 Bluetooth Gateway	ABB PoE injector
Part No.	3AXD5000082305	3AFP9189167
Description	X2000 extends Bluetooth connectivity up to 400 meters for Bluetooth 4 and 1 kilometer for Bluetooth 5 in open space. Supports Power over Ethernet (PoE) and 12 V DC. X2000 can be used as a Bluetooth and IP gateway. Internet Protocol (IP) backhaul options includes Ethernet, 2.4/5 GHz Wi-Fi and USB cellular modem. All weather-proof, IP66-rated.	48 V ; 24 W Operating Temp: 0 °C to 40 °C PoE injector for Cassia X1000 or X2000 Bluetooth gateway.