

	Sensor Power Supply	Signal Conditioning	Galvanic Isolation		RTD	Strain Bridge	Thermocouple	Sensor with 0-10V or 4-20mA output	Direct high-voltage, high-current inputs	IEPE Accelerometers	Note
sensor				A/D Converter	X	X					Sensors are powered from HSDL, may be grounded on sensor side
sensor				A/D Converter	X	X				X	Sensors are powered from HSDL, sensor must be isolated from ground or must be on the same potential as HSDL ground.
sensor				A/D Converter				X			Sensors powered from HSDL, may be grounded on sensor/transmitter side
sensor				A/D Converter				X		X	Sensors are powered from HSDL, sensor must be isolated from ground or must be on the same potential as HSDL ground.
sensor				A/D Converter			X		X		Sensors may be grounded on sensor/transmitter side
sensor				A/D Converter			X	X			Sensors must be isolated from ground or must be on the same potential as HSDL ground.
sensor				A/D Converter				X			Sensors may be grounded on sensor/transmitter side
sensor				A/D Converter				X			Sensors must be isolated from ground or must be on the same potential as HSDL ground.