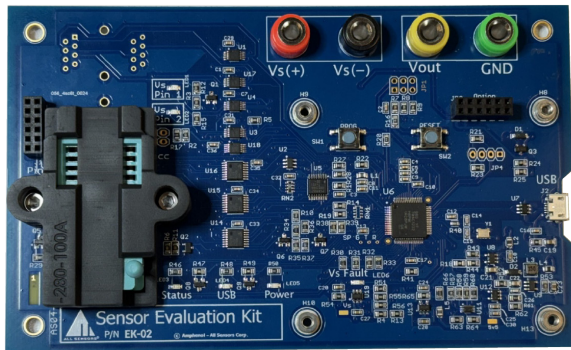# EK-02
All Sensors Evaluation Kit

Evaluation Kit includes:
- Sensor Evaluation Board
- USB Cable
- Downloadable User Guide
- Application Software download access
- Adapters (if purchased)

The Amphenol All Sensors Evaluation Kit is an essential tool for engineers and developers seeking to simplify the design, testing, and validation process of All Sensors' products.

Features and Benefits

Simplified Testing of Analog & Digital Sensors

The kit simplifies the evaluation of analog and digital sensors, making it easy for engineers to test various sensor product types and configurations.

Quick Setup with ZIF Socket for Instant Electrical Connection

Equipped with a ZIF (Zero Insertion Force) socket, the kit allows for immediate electrical connections without complicated wiring. This not only speeds up the setup process but also minimizes the risk of connection errors, providing a reliable and user-friendly interface for sensor integration.

Seamless Data Capture to CSV Files

The evaluation kit provides an easy way to capture and store sensor data by exporting it to a CSV text file. This functionality allows for simple data logging, making it convenient to store, analyze, and share data for further processing. Simple USB connection to a PC provides power and enables enhanced data processing, visualization, and control.

Optional Adapters for Leadless & SMT Packages

Easy to use and plug-in, the adapters can connect leadless and SMT product packages to the evaluation board.

Standard 4mm Connectors

Standard dual spacing for connection to laboratory equipment allows precise measurements of analog sensor output.

Product Parameters

Parameter	
Product Dimensions [in]	6.25 x 3.75 x 1.6
Weight [g]	135
Power Supply	5V USB Supply
Operating Temperature [C]	0˚C - 50˚C

Tubing

For tubing recommendations, please refer to the specific All Sensors pressure sensor datasheet for detailed specifications.

EK-02 Product Usage Map

Product Family	Lead Type	Port/ Package Type	EK-02 (-00)	Adapter Type		
				01	02	03
DLV	DIP		●			
	SIP		●			
DLVR	DIP		●			
	SIP		●			
DLH	DIP		●			
	SIP		●			
DLHR	DIP		●			
	SIP		●			
DLLR	DIP		●			
	SIP		●			
ELVR	DIP		●			
	SIP		●			
ELVE ELVA ELVI ELVH	DIP	DR	●			
		JJ	●			
		RR	●			
	SIP	AA	●			
		DR	●			
		JJ	●			
		RR	●			
AABP	SMT	AN		●		
ELVX	SMT	AN			●	
		RR			●	
DLC	SMT	LD2				●
		LD4				●

●	Supported
	Not Supported

How To Order

EK-02   -   **01**

EK-02	Evaluation Kit

00	Base board only	
01	Base board and 01 Adapter	
02	Base board and 02 Adapter	
03	Base board and 03 Adapter	
ADPT01	01 Adapter Only	
ADPT02	02 Adapter Only	
ADPT03	03 Adapter Only	

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DS-0447 Rev B - EK-02 All Sensors Evaluation Kit