

SITRANS Probe LU FAQs

Q. Is the SITRANS Probe LU available in a 3-wire version like the old Probe?

A. No. All models of the SITRANS Probe LU are 2-wire loop powered devices.

Q. The transducer is available in both ETFE and PVDF. How do I know what material to choose?

A. The first choice should always be the PVDF transducer, if it is chemically suited to the application (ie: is not attacked by the chemicals in your application). Only use the ETFE transducer when PVDF is not chemically suitable. For example, PVDF is not suitable for long-term use with acetone, ammonia, sodium hydroxide, potassium hydroxide and some ketones, amines and esters. Please refer to chemical resistance tables to ensure chemical compatibility.

Q. Does the SITRANS Probe LU have push buttons for programming like the old Probe?

A. No. The SITRANS Probe LU is programmed by a Siemens Milltronics handheld programmer, SIMATIC PDM configuration software or a HART Communicator.

Q. Is HART® optional?

A. HART protocol is included on every SITRANS Probe LU.

Q. Is it possible to view an echo profile from the SITRANS Probe LU?

A. Yes, echo profiles can be viewed using SIMATIC PDM software. This was not possible with the old Probe and is a valuable enhancement added to the SITRANS Probe LU.

Q. Can the SITRANS Probe LU with HART be integrated into a PROFIBUS PA system?

A. Yes, the Siemens ET-200 module is available to interface PROFIBUS DP to mA/HART devices.

Q. How many parameters are required to commission the instrument?

A. As few as two, empty distance (4 mA level) and span (20 mA level), to provide a signal output proportional to level in the vessel.

Q. Do I need to open the lid in order to program it?

A. No, programming can be done using an infrared Siemens Milltronics programmer that communicates through the clear lid, so it is not necessary to open the device and expose it to the environment during programming.