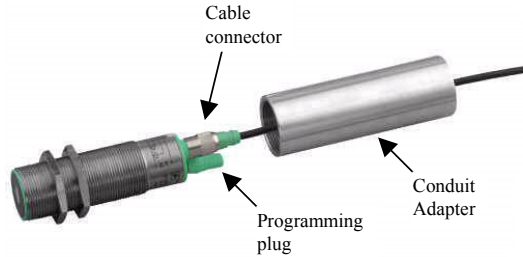


WARNING: EXPLOSION HAZARD, DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITIBLE CONCENTRATIONS.

HA ULTRASONIC SENSORS




Installation Instructions

The cylindrical HA ultrasonic sensor package consists of the ultrasonic sensor, cable connector (pre-installed), and the conduit adapter. The limit and flat pack styles do not come with a cable connector or conduit adapter – they have a metal base for conduit connection.

Please refer to the relevant data sheet for programming instructions. After programming the ultrasonic sensor, ensure all cable or wire connections are tight. Secure the conduit adapter until it bottoms out onto the sensor (cylindrical models). Securely connect conduit to the conduit adapter.

Note this product must be wired in accordance with the regulations of the country in use and powered from a Class 2 source. In the USA the National Electrical Code (NEC) applies, particularly 501.10(B) and 725.121(A).

This apparatus is suitable for use in Class 1, Division 2, Groups A, B, C, D, or unclassified or non-hazardous locations.

Confidential according to ISO 16016	Only valid as long as released in EDM or with a valid production documentation!		scale: none	date: 2008-Jul-18
 PEPPERL+FUCHS	INSTALLATION INSTRUCTIONS FOR HAZARDOUS LOCATION ULTRASONIC SENSORS HA & HB	change notice	respons.	US.GMA
			approved	US.DWR
		150-1477	norm	US.GAP
Twinsburg				116-0168A sheet 1 of 2


HB ULTRASONIC SENSORS



Installation Instructions

HB ultrasonic sensors are identical to the HA cylindrical ultrasonic sensors with the exception that they are fitted with a 1¼" NPT mounting adapter.

This apparatus is suitable for use in Class 1, Division 2, Groups A, B, C, D; Class II Division 1 and 2, Groups E, F and G; Class III Division 1 and 2, or unclassified or non-hazardous locations.

Confidential according to ISO 16016		Only valid as long as released in EDM or with a valid production documentation!		scale: none	date: 2008-Jul-18
 PEPPERL+FUCHS	INSTALLATION INSTRUCTIONS FOR HAZARDOUS LOCATION ULTRASONIC SENSORS HA & HB	change notice	respons.	US.GMA	116-0168A
		150-1477	approved	US.DWR	
		Twinsburg		norm	US.GAP