



### Product Overview

The AX-UL-STD is an Ultrasonic level transmitter is designed for solid content level measurement in silos. They provide a 4-20mA output with relay option to the BMS system or alarm. The units use nonintrusive ultrasonic pulse technology such that any solid contact can be measured. The units are housed in an IP65 housing and are fixed on the top of the silos. Set-up is by means of push buttons to set the full/empty levels. Range starts from 1m till 60m. Additional options available include relay and HART outputs, and an LCD display/programming module.

### Products Features

- Non-contact level measurement
- Maximum 60 m (200 feet) measuring range
- Full temperature compensation
- Dust Ex version
- 4-wire integrated (blind) level transmitters
- IP65 Protection
- Plug-in display unit
- Narrow (5°) beam angle

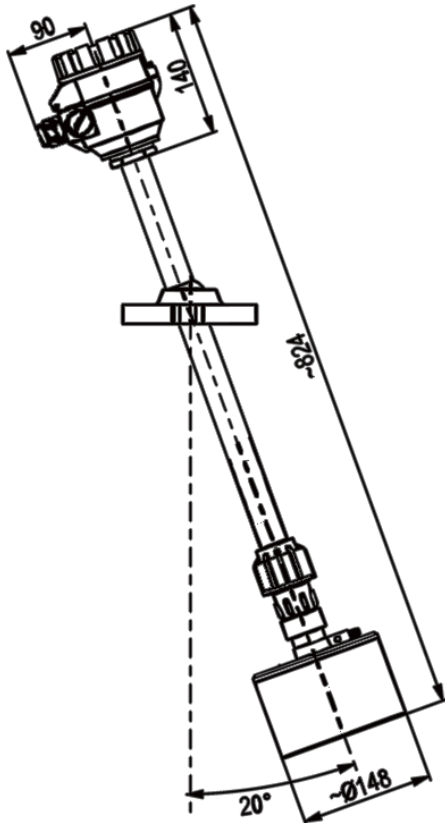
### Product Specifications

Measuring Range: :	1-60 Meters
System:	4 Wire
Accuracy:	± (0.2% of measured distance + 0.1% of range)
Output :	Analogue (4-20mA) + Relay (SPDT, 250 V AC / 3 A, AC1)
Ambient Temperature:	-30...+60 °C
Process Temperature:	-30...+75 °C
Power Supply:	11.4 – 40 V DC / 4.1 W and 11.4 – 28 V AC / 4.6 VA
Housing:	Paint Coated Aluminium 2x M20x1.5 plastic cable glands for Ø6 – Ø12 mm (0.25 – 0.45 in) cable,
Electrical Connection:	3x terminal blocks for max. 2.5 mm <sup>2</sup> (AWG16) wire cross section, 2x ½" NPT internal threads for cable protective pipes
Ingress Protection:	IP65
Weight:	~7 kg (15.4 lb)
Country Of Origin:	Hungary

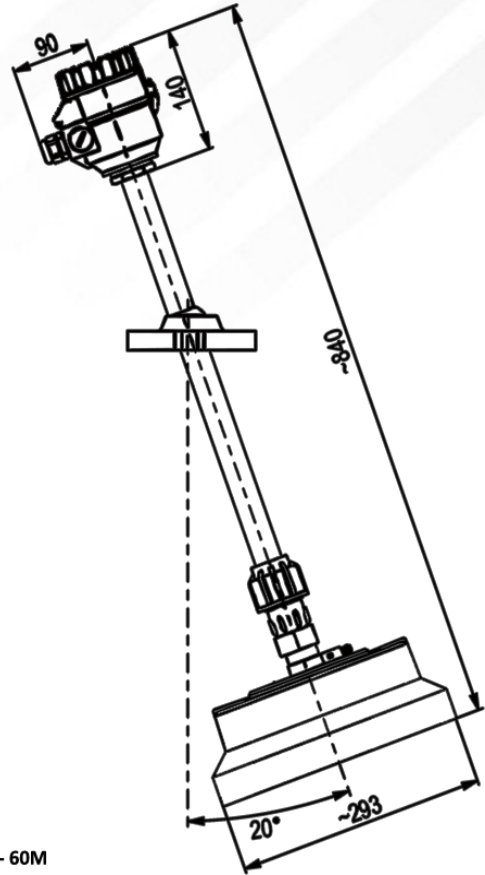
### Product Order Codes

AX-UL-STD-34J-2	Ultrasonic Level Sensors for Solid, 0.6Meter-15Meter, 4-20mA with Relay Output
AX-UL-STD-33J-2	Ultrasonic Level Sensors for Solid, 0.6Meter-30Meter, 4-20mA with Relay Output
AX-UL-STD-31J-2	Ultrasonic Level Sensors for Solid, 1Meter-60Meter, 4-20mA with Relay Output
AX-UL-SAP200	LCD Plugin Display and Programming Unit

### Dimensions

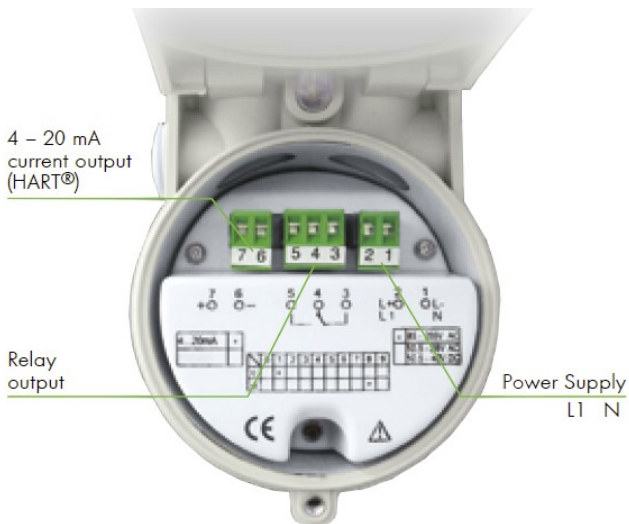


0.6M-15M  
0.6M-30M



1M - 60M

### Wiring



4 - 20 mA  
current output  
(HART®)

Relay  
output

Power Supply  
L1 N

### Datasheet Contents

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