

Trasmettitori di livello Sanitari di tipo ultrasonico



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M.C.A sas Via Madonna

CARATTERISTICHE

Acciaio inox 316L Materiale Faccia c/w Tri-Clamp Mtg. Base
Semplice tasto per calibrazione (Preciso)
Uscita 4-20 mA / 20-4 mA
(Isolata solo su modello a 4 fili)
Compensazione temperatura interna
Opzione RS232 o RS485 comunicazione con calibrazione, diagnostica e data logging software
PLC compatibile
Operativita' su Tre & 4 fili



ABM 300/4XX-148US



APPLICAZIONI

ALIMENTARI e bevande
Industrie farmaceutiche /Acqua

CONDIZIONI AMBIENTALI

Temperatura - 40 a 140°F(- 40 a 60°C) PVC Testa
- 40 a 266°F(- 40 a 130°C) Teflon Testa
- Acciaio inox Faccia

Pressione 1 -10 bar

Approvazioni Entela Certified File #8294

- CAN/CSA C22.2 No. 1010.1-M92 +A2,
- IEC 61010-1:90 + A1:92 +A2:95
- UL 61010A-1(2002)

Installazione Categoria Classe II

OPERATIVITA'

Precisione +/-0.10% del campo max.
(in lab usando 4-20 mA uscita corrente)
+/-0.25% del campo max. (tip. in campo)

Angolo di misura 10 -12 ° a -3dB

Memoria perdita eco 30 secondi, 22mA uscita

Temperatura

Compensazione Nel trasduttore

Calibrazione Pulsante o via porta di comunicazione (opzione)

Diagnostica (Eco Profilo) via porta comunicazione

MECCANICA

Entrata cavi 1/2" NPT foro (PVC pressacavo solo)

Custodia PVC-94V0

Ingresso Protezione NEMA 4X (IP65)

CATALOGO # Rifer. al catalogo

Pag. per codice informazione d'ordine.

SPECIFICHE TECNICHE

	MODEL	RANGE in Liquids	RESOLUTION	MOUNTING Ferrule
AC/DC - 4, 3,2 FILI	ABMXXX-70US	0.8 - 30 ft. 0.24 - 9.1 m	0.13" 3.4 mm	2.0"
	ABMXXX-80US	0.7 - 20 ft. 0.21 - 6.1 m	0.088" 2.2 mm	2.0"
	ABMXXX-81US	0.6 - 16 ft. 0.18 - 4.9 m	0.07" 1.8 mm	2.0"/1.5"
	ABMXXX-148US	0.4 - 9 ft. 0.12 - 2.7 m	0.04" 0.98 mm	2.0"/1.5"

SPECIFICHE ELETTRICHE

AC- ABM400	115 VAC 60 Hz or 230 VAC 50 Hz (+/-20%) , 1.7 VA
DC- ABM300	12 a 30 VDC , 0.07 A max @ 24 Vdc R load = (Vs - 6) / 24 mA
Loop Power - ABM200	12 a 28 VDC , 0.025 A max @ 24 Vdc
Uscita	4-20 mA Uscita 6.1 uA Risoluzione 750 Ohm (Isolata solo su tipo 4 fili)
	Opzione RS232 o RS485 porta di comunicazione.(3 & 4 fili solo)

MANUALE D'ISTRUZIONE 10A267
Per sensori ABMO/4XX (DC/AC) con
Comunicazione per singolo O IN Network



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Fig. # 1 RS232 Connection

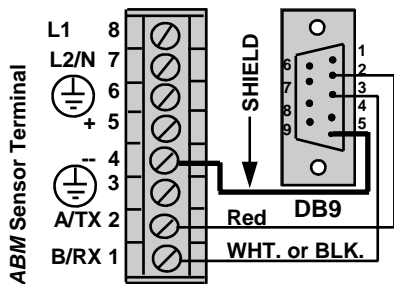
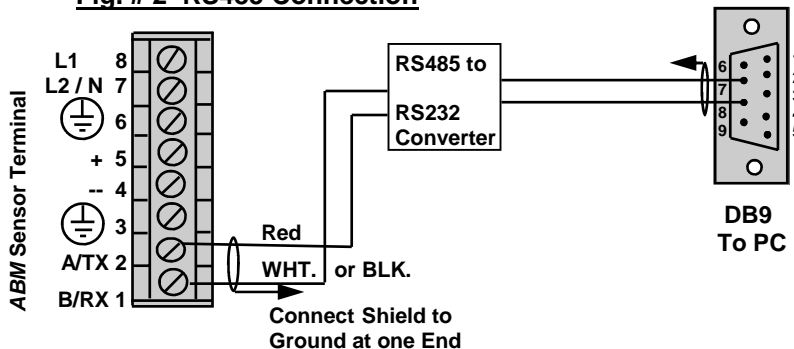
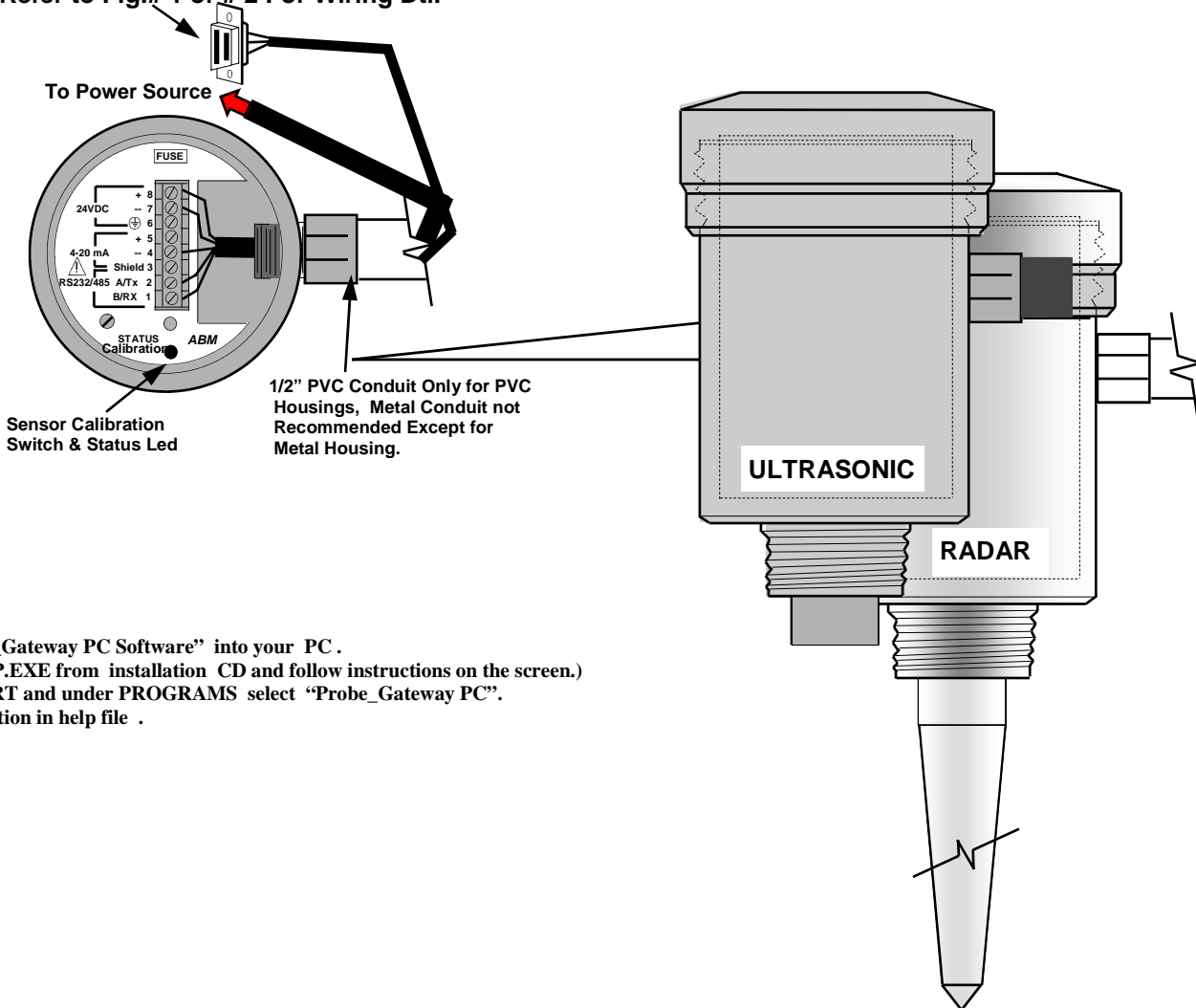


Fig. # 2 RS485 Connection



Connect to Serial Port of PC ,use
 Extension Cable length as required
 ,Refer to Fig.# 1 or # 2 For Wiring Dtl.

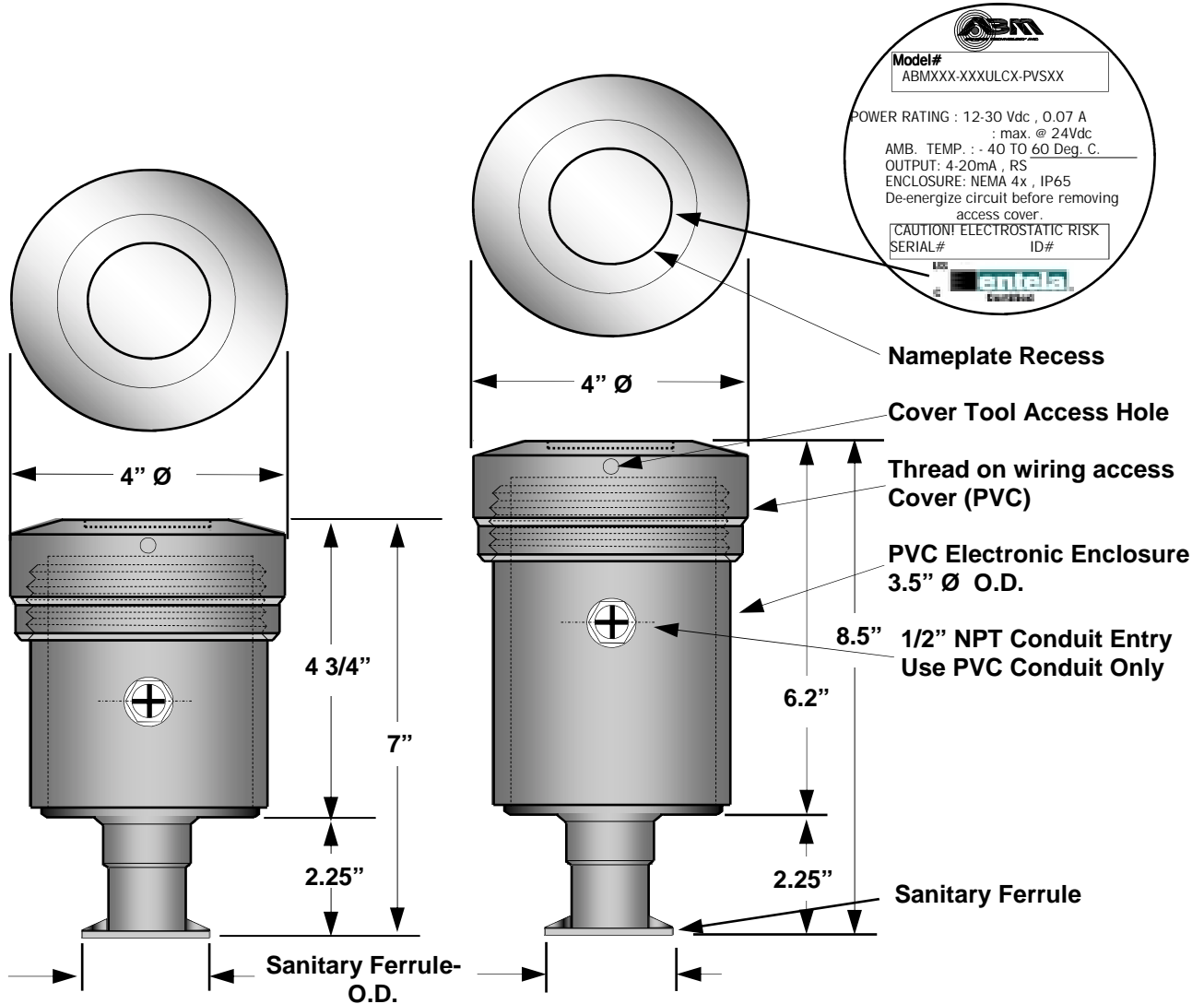


- 1) Load "Probe_Gateway PC Software" into your PC .
 (Select SETUP.EXE from installation CD and follow instructions on the screen.)
- 2) Click on START and under PROGRAMS select "Probe_Gateway PC".
- 3) Follow instruction in help file .

ABMXXX Sanitary Level Sensors



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ABM 2 Wire Loop powered Probe

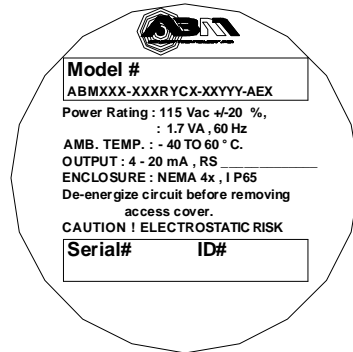
ABM 3&4 Probe

Level Sensor PVC Housing				
Partial Model #	Operating Liquid Range	Operating Frequency	Sanitary Ferrule O.D.	
			1.5"	2"
ABMXXX- 70ULCX-PVS20	30'	70 KHz	N/A	2.5"
ABMXXX- 80ULCX-PVS20	20'	80 KHz	N/A	2.5"
ABMXXX- 81ULCX-PVSXX	16'	81 KHz	1.9"	2.5"
ABMXXX- 148ULCX-PVSXX	9'	148 KHz	1.9"	2.5"

Sanitary Radar "Smart" Level Sensors



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Nameplate Recess

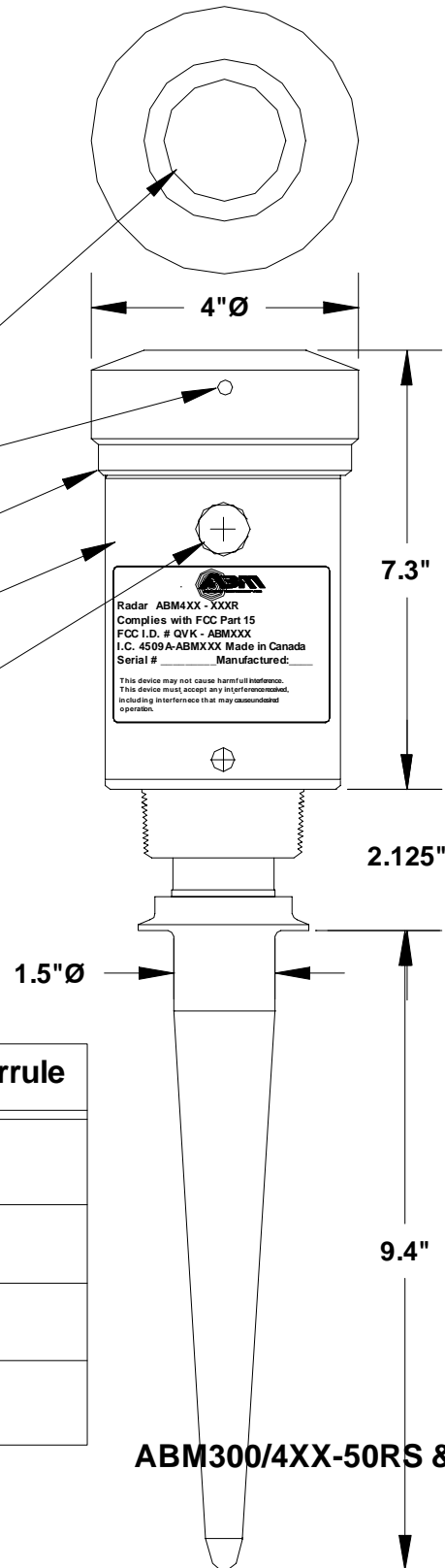
Cover Tool Access Hole
Thread on Wiring Access
Cover (Aluminum or S.S.)

Electronics Enclosure
Aluminum or S.S.
3.5"Ø O.D.

1/2" NPT Conduit Entry

FCC Approval Nameplate

Antenna Ferrule Polypropylene (Std.)
Teflon (Optional)



Model #	Range	Resolution	Mounting Ferrule
ABM300-050RX	* - 50 ft. * - 15 m.	0.22" 5.7 mm	2.0"
ABM300-100RX	* -100 ft. * - 30 m	0.44" 11 mm	2.0"
ABM4XX-050RX	* - 50 ft. * - 15 m.	0.22" 5.7 mm	2.0"
ABM4XX-100RX	* -100 ft. * - 30 m	0.44" 11 mm	2.0"

ABM300/4XX-50RS & 100RS

ABM 300/4XX Sanitary Radar Level Sensor Outline Detail