S2 Safety System

RSP Technology do Brasil

Mini S2 MDB

Tank Gauging and Enviromental Monitoring for SCADA

Description

MiniS2 MDB is a highly compact and robust tank gauging based on the S2 System platform operating with fully distributed intelligence. Has a concept of modern and original monitoring and graphical interface, incorporating the main S2 System management features. It allows to connect to a network point to allow integration with several PLC on market. Can operate both through Modbus RTU protocol (Ethernet) and IP ModBus protocol.

It is suitable for systems that already operate with BMS (Building Management Systems) or PLCs (Programmable Logic Controller) and require monitoring of environmental sensors or measuring tanks in hazardous areas. Thus the MiniS2 MDB system can forward various information to a Supervisory System or to a PLC that is networked with Mini S2.

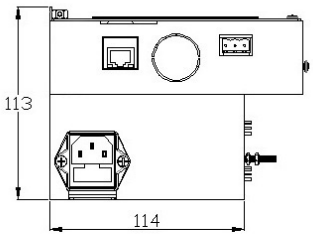
Features and Benefits

- Possibility to connect up to six probes (which may support up two environmental sensors) or in conjunction with MuxLiq to achieve up to 24 environmental sensors;
- Continuous monitoring of volume, delivery detection, level alarms, events;
- Connection to PLC or Supervisory System with transmission of information in real time;
- Status Transmission of sensors and information Tank via Modbus RTU protocol;
- Detection of avalanche situations of alarms.

Instalation

Recomended location at office wall.

Dimensions

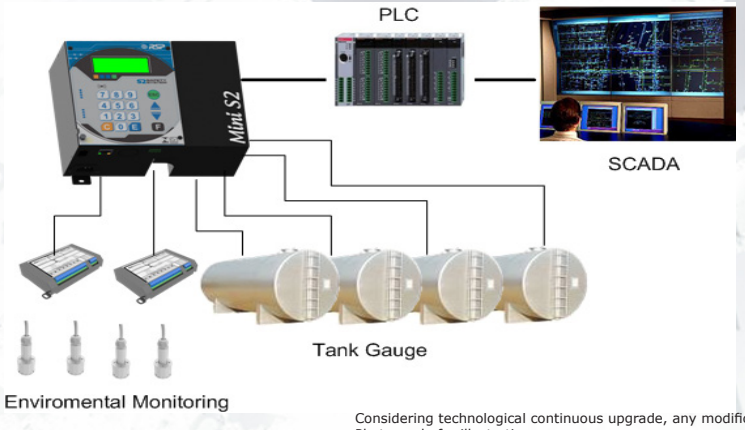


Especificações Técnicas

Weight	2,5 Kg
Temperature	0 a 50°C (32 a 122°F)
Local de Instalação	Internal
Power Requirements	120/240 VC , 50 ou 60 Hz
Barriers	3 or 6
Comunication	Ethernet
Display	LCD 4 lines x 20 colunms
Probe Models	SP19 e SP25

Intrinsic Safety Parameters

[BR- Ex ia] IIA T2
U_m = 250 V
U_o= 15,75 V
I_o= 400 mA
P_o=1,6W
L_o=2mH
C_o=0,9 µF
T_{amb}: -20 °C a 50 °C



Considering technological continuous upgrade, any modifications can be made without notice.
Photos only for illustration purposes.

Version 5 2002

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