



WATER LEVEL PROBE IN DIESEL (SRA)

Continuous level switch and transmitter for water

General Description: This probe is designed to detect the interface between fuel and water and to continuously indicate the level of such interface within a measurement range from 60 mm to 500 mm from the bottom of the tank. It is suitable for operation with fuels such as diesel and HVO (Hydrotreated Vegetable Oil). The probe output must be monitored via an INPRO PLC control panel specifically designed for this application.

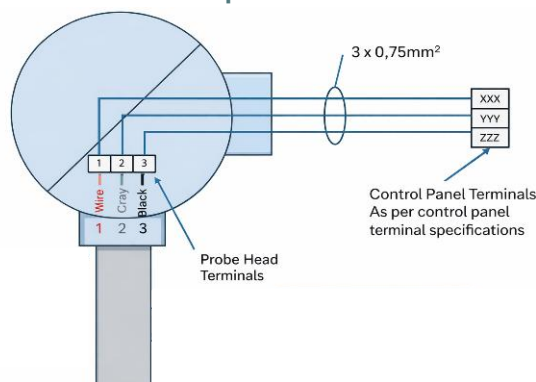
- Detection of water–fuel interface (diesel or HVO), providing accurate interface level indication
- Interface detection float with density $\geq 0.95 \text{ g/cm}^3$
- Measurement based on Reed switch resistive chain technology with 5 mm resolution
- Measurement range up to 500 mm from the bottom of the tank
- Minimum detectable level: 60 mm
- Sealed PVC connection head, lightweight and corrosion-resistant
- Adjustable process fitting allowing flexible installation and adaptation to different tank configurations
- Available with threaded process connections: 1 1/4", 1 1/2", and 2"

TECHNICAL SPECIFICATIONS – PROBE (SRA)	
Parameter	Value / Description
Connection head	Sealed PVC (black)
Tube material	Stainless Steel AISI 304 (Ø 13 mm)
Process connection	1 1/2" Male Thread (Brass)
Adjustment system	Adjustable brass fitting with reduction
Measurement technology	Reed resistive chain (PCB ECR 25)
Float	Ø 1.25" x 2" Butyl-N Black (Density: 0.95 g/c)
Maximum temperatura	125°C
Internal wiring	0.25 mm (Red / Grey / Black)

SRA DESCRIPTION	CODE
SRA Resistive Water Probe 500 mm (Complete Assembly)	23080000005005*
SPARE PARTS / COMPONENTS	
Float Ø1.25" x 2" Butyl-N (D=0.95)	00230004125295
Sealed PVC Head (Low Profile)	02060500000000
Brass Reducer 1 1/2" M x 1/2" F	01140601120121
Straight Brass Fitting 14 x 1/2	01130009140120

* Code 23080000005005 corresponds to the 500 mm standard assembly. For other probe lengths, please contact the technical department.

Wiring diagram for INPRO PLC control panel.



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