

# Anticorrosion System ACES Model Hn-X Datasheet

*For Stainless Steel Boilers and Storage Tanks (\*see footer note)*

## MAIN FUNCTION:

- Continuous protection current variation.
- Working Time Counter
- Protection against short circuit on output
- Protection against polarity inversion on the power supply
- Protection against Over Protection status
- Integrated Function Indicator with red/green LED.
- Integrated test circuit.
- Overprotection Control

## SPECIFICATIONS:

### **POWER SUPPLY**

Nominal Voltage	:	12 V DC $\pm$ 10%
Current (max)	:	370 mA (with logic outputs without load)

### **ANODE OUTPUT**

Protection Current, (max)	:	350 mA
Voltage, (max)	:	11 VDC ( with power supply 12V)
Optimal Protection Voltage	:	<b>1.9 V</b>

### **DIGITAL OUTPUT**

STANDARD	:	
2x P-TYPE Ports for external signaling devices	:	100 mA on output switches the supply voltage

### OPTIONAL

1x Coded Serial Communication Port	:	Current mode 0-3,2 mA Load = 1.0 Kohm for 3.3V logic Load = 1.5 Kohm for 5V logic
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### **MAIN SIGALLING DEVICE**

Integrated Two color red/green Led

### **DIMENSIONS**

SIZE ( Body)	:	L 55mm x 45mm x H 10mm
WEIGHT	:	25 g (about)
ANODE CABLE LENGTH	:	2000 mm ( as separate part )
SUPPLY CABLE	:	2000 mm ( as separate part )

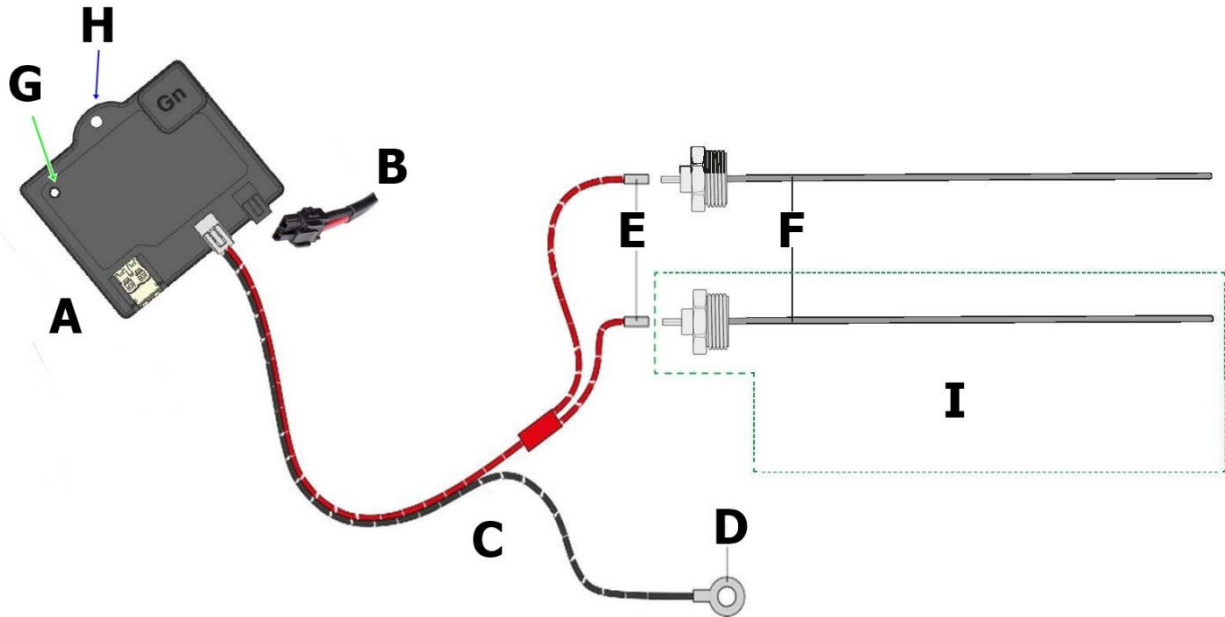
### **OTHER SPECIFICATIONS:**

Operating Temperature	:	-10 /+ 70 °C
Storage Temperature	:	-10 / +70 °C
Protection Rating	:	IP64

**Note (\*) for capacity above 1000ltr and / or with 1 or 2 exchangers the project is required**



## ACES SYSTEM SCHEMATIC REPRESENTATION

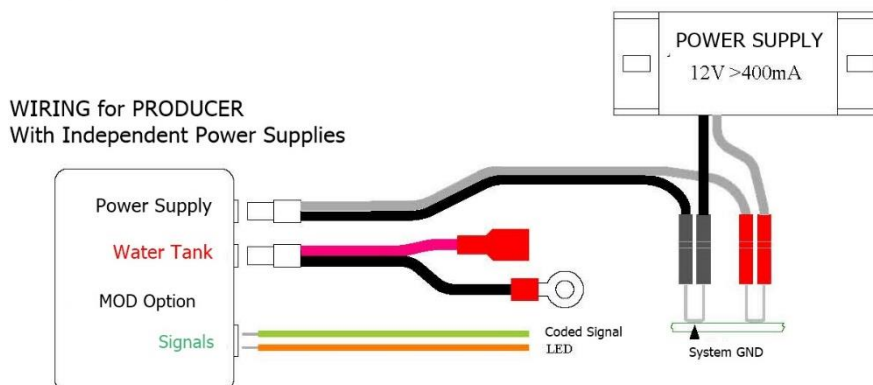
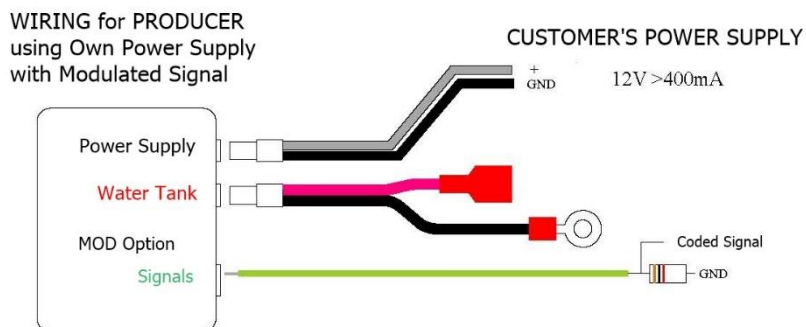
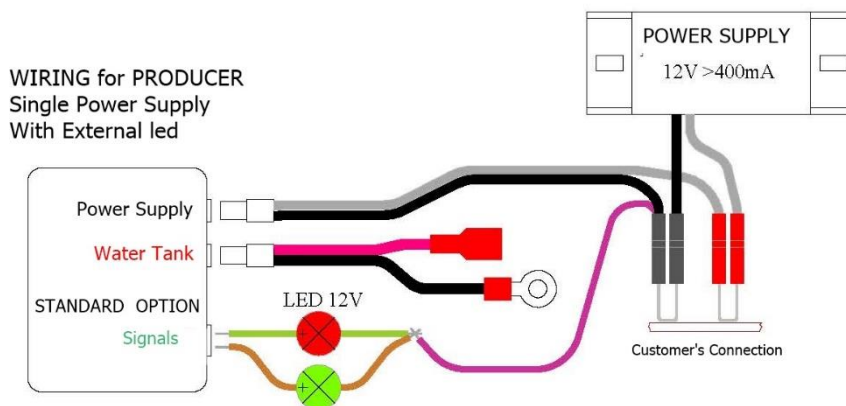
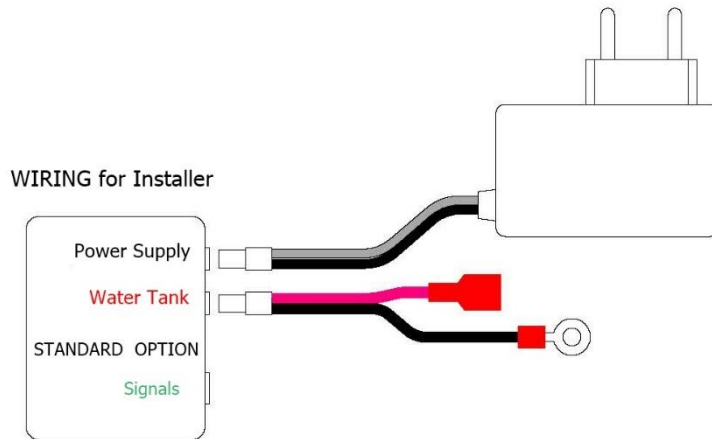


<b>Legenda</b>	
<b>A</b>	Electronic Control Unit
<b>B</b>	External Power Adapter 12VDC-7W
<b>C</b>	Black Cable – to Tank
<b>D</b>	Tank connector
<b>E</b>	Red cable for Anode connection
<b>F</b>	Tiatnium Anode
<b>G</b>	Double-colored LED
<b>H</b>	Eyelet for Wall/Tank installation
<b>I</b>	Double Anode Version
<b>L</b>	Data Port ( signals)

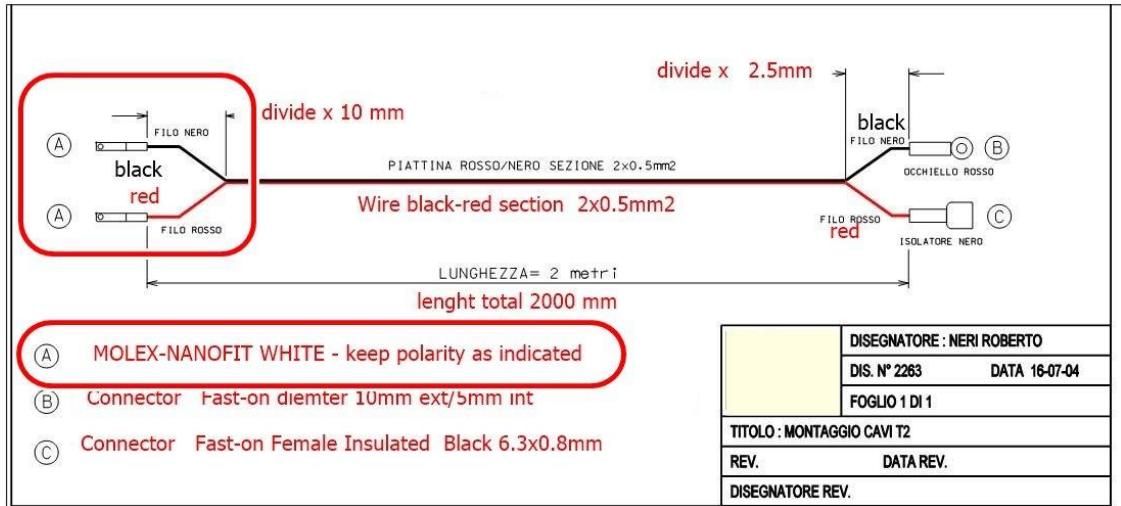




## POSSIBLE POWER SUPPLY OPTIONS



## Anode Cable Specifications



Costruttore: MOLEX  
 Famiglia: NANOFIT  
 codice corpo volante **bianco**: 105307-2202  
 codice del contatto dorato (flash gold): 105300-2200  
 codice del contatto stagnato (tin): 105300-2100  
 TPA bianco: 105325-2002

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