



**DID YOU KNOW?**  
 IT TAKES ABOUT **4** seconds  
 FOR YOUR **OVERFILL**  
 SYSTEM TO TAKE ACTION?



THIS IS ENOUGH TIME  
 FOR **OVERFLOW**  
 AND A POSSIBLE **ACCIDENT**



LEARN HOW TO **PREVENT AND SOLVE** THE MAIN  
 CAUSES OF OVERFLOW AND END FUEL CONTAMINATION.

# ATC® SAFETY DEVICE

## ANTI OVERFLOW AND CONTAMINATION of fuels in BOTTOM LOADING Tank Trucks

# NEW!

# ATC<sup>®</sup> SAFETY DEVICE

## MAIN CAUSES OF CONTAMINATION AND OVERFILL



## ATC<sup>®</sup> SOLUTION

- Identifies from 4 liters any liquid retained in the pipeline of the tank truck, not allowing loading;
- Fully automatic electromechanical system which is installed on the loading arm; it works by complementing the existing overfill system;
- Does not rely on anything on the tank truck or operator intervention to work;
- Eliminates the main causes of overflow and contamination of fuels in bottom loading;
- Outlet signals through output relays contacts, and can interact with any pre-set/automation in the terminal;
- Self checking system that evaluates the entire functioning of the components, showing any abnormality of the system or process on the electronic panel;
- "By-pass" device for supervised loading permission through a security key;
- Anti-theft function that eliminates the possibility of fuel drainage retained in the loading arm;



COMPLETELY BRAZILIAN MADE SYSTEM WITH LOW IMPLEMENTATION AND MAINTENANCE COSTS



ELECTRONIC COMPONENTS WITH EXPLOSION PROOF CERTIFICATION (EX) AND INTRINSICALLY SAFE (IA)

WORLD'S ONLY CONTAMINATION PREVENTION SOLUTION!

# SYSTEM COMPONENTS



## INDUCTIVE SENSOR (NAMUR)

Inductive Sensor for API valve detection (open/closed).  
Inmetro certification approvals: Ex ia IIC T6 Ga IP65/IP67



## OPTICAL SENSOR

Optical liquid detection sensor.  
Inmetro certification approvals: Ex ia IIB T6 Ga  
Materials: aluminum



## CONTROL PANEL

Electronic logic panel and visual display for system status and component conditions.  
Inmetro certification approvals: Ex e mb (Ia Ga) IIB T6 Gb IP54



## RELAY MODULE

24V DC interface module for non-hazardous areas with relays for load control compatible with DIN rails



## CHECK VALVE

Api check valve with housing for an optical sensor.  
Opening pressure: 0.3 bar  
Materials: aluminum/viton



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**TSpro**  
CERTIFICADA  
ISO9001

TECNOLOGIA PARA FLUIDOS

# ATC<sup>®</sup> SAFETY DEVICE



- Monitors up to 2 shipments (Independent)
- Compatible with 2-wire Optical Sensors and Namur-type Inductive
- 2 output relays available (Communication with Preset)
- Automatic bivolt power supply (12V-24V DC)
- IP54 protection level (dust and rain)
- INMETRO Certification: Ex and mb (ia Ga) IIB Tó Gb IP54



## PRODUCTS TSPRO

LEARN MORE ABOUT OUR PRODUCTS



QUOTE NOW!  
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\*Illustrative Images