

Valves

SITE products

- Dispensers
- Filling elbows
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A product from

Wennstrom
Environment Safeguard



HSE Interlock valve

Safe discharge

When a delivery hose is connected to the filling point at a service station there could be a potential difference between the couplings which can cause an ignition. At that moment there is a risk of an explosive environment around the open filling coupling of the ground tank. A source of ignition and a potentially explosive environment are the two basic risks handled by the ATEX-directive.

Only open when connected

The main function HSE Interlock valve is to keep the filling point (and the ground tank) closed whenever the delivery hose is connected or disconnected. This is done via mechanical interlock feature which contains the explosive environment within the ground tank.

Patented solution

The HSE Interlock valve secures the filling point against a possible explosion. The valve is user-friendly, well proven and protected by patent 05 02 129-0.

Many versions

The connection flanges are easy to change and adapt to the requirements of the local market, as is the interlock lever that differs depending on the flanges. The HSE Interlock valve is available in 2", 3" and 4" versions.

H = Health

When opening the filling coupling, any overpressure, no matter how small, will force the fuel fumes from within the ground tank out into the face of the driver delivering product. This is avoided by using the Interlock valve resulting in a much improved working environment for the driver.

S = Safety

As explained earlier, the risk for an explosion from a spark caused mechanically or due to a potential differences between the hose coupling and the filling coupling, are eliminated by the Interlock valve.

E - Environment

The VOC directive (94/63/EC) from 1994 on the control of volatile organic compound (VOC) emissions resulting from the storage of petrol and its distribution from terminals to service stations clearly supports the environmental feature of an Interlock valve in preventing emissions from an open filling point.

ES1080

Material

Housing: EN6063-T6

Dimensions

Diameter, connection: DN80

Connection: G3

Weight: 8,1 kg

Dimensions: Contact us

ES1090

Material

Housing: EN6063-T6

Dimensions

Diameter, connection: DN100

Connection: G4

Weight: 9,4 kg

Dimensions: Contact us

Versioner of HSE Interlock valves	Item no.	For
HSE Interlock valve 3" G3/Kamlok 3"	ES1080CJ	E85
HSE Interlock valve 4" G4/Kamlok 3"	ES1090EJE	E85
HSE Interlock valve 4" G4/FW135	ES1090EH	Petrol
HSE Interlock valve 4" G4/FW135	ES1090EHE	E85
HSE Interlock valve 4" G4/G4	ES1090EF	Petrol
HSE Interlock valve 4" G4/G4	ES1090EFE	E85
HSE Interlock valve 4" G4/FW125	ES1090EG	Petrol
HSE Interlock valve 4" G4/FW125	ES1090EGE	E85
Accessories to the HSE Interlock valves	Item no.	
Cover Kamlok 3" till ES1080CJ/ES1090EJ	ES1080J	
Cover VK-TW80 till ES1080CN	MB80AL	
Cover FW135 till ES1090EH	135-102	

Other versions are available.

We reserve ourselves against any misprints.