

Press release

February 2015

AS-Schneider Anti-Tamper Valve Head Units protect valves against unauthorized access:

Manipulation Impossible

Nordheim – February 02, 2015 – Valves play an important role when it comes to the safety of process equipment: Unauthorized access or accidental operation can quickly lead to catastrophic results. However, both these scenarios are easily prevented. AS-Schneider, the specialist in the field of industrial valves, provides a range of Anti-Tamper Valve Head Units to allow plant operators to reliably protect their valves against undesired operation.

The Standard Design of the Anti-Tamper Valve Head Unit is equipped with a bore and matching AT-Key. The valve can only be operated using this special key. The operator can also lock the bore using a padlock in order to prevent the insertion of the AT-Key. This makes it impossible to operate the valve. It can be securely locked in any position – closed, partially open or fully open.

Valves equipped with the 'AT-Key Lock' Design are operated using the built-in T Handle Key which can be retracted a little way out of the Valve Head Unit. Once it has been retracted, it is no longer in contact with the stem and activation of the valve is no longer possible. The operator can insert a padlock, which makes it impossible to press in the Key again. The valve is now secured against unauthorized access. This design again permits the valve to be locked in any desired position.

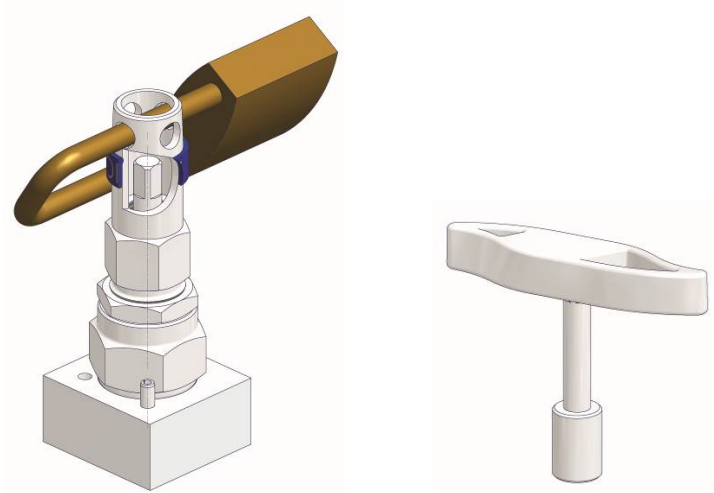
AS-Schneider equips its Handwheel-operated Valves with a 'Locking Plate'. This is a metal plate to which the Handwheel can be fixed in whatever position is required by means of a padlock. In this design, only minimum movement of the Handwheel is possible. It is particularly effective at preventing the unauthorized closure of valves.

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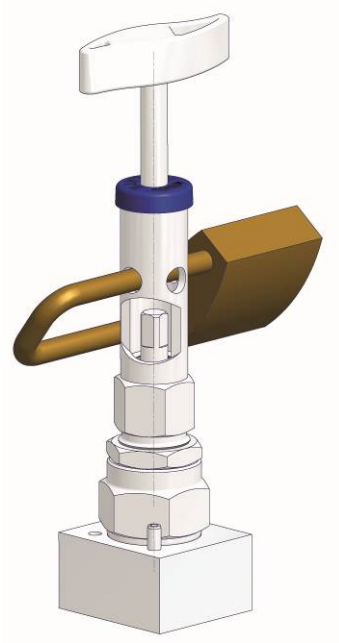
Captions:



Picture 1 and 2: Anti-Tamper Valve Head Options – Standard Design:
The valves are operated using a special AT-Key which perfectly matches the reciprocating Anti-Tamper bore. In addition to this security feature, it is also possible to insert a padlock crosswise through the Anti-Tamper bore in order to prevent the insertion of the key.

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Picture 3: Anti-Tamper Valve Head Options – 'AT-Key Lock' Design: In the 'AT-Key Lock' Design, the valves are operated using a built-in T Handle Key. This key can be retracted slightly from the valve head unit, thereby disconnecting the stem from the key. With the key retracted, it is then possible to insert a padlock crosswise through the valve head unit.



Picture 4: Anti-Tamper Valve Head Options – Handwheel with 'Locking Plate' Design: The valves can be equipped with a stainless steel

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handwheel and locking plate together with a padlock. This design minimizes the possible movement of the handwheel and is the ideal way to protect against the unauthorized closing of the valve.

Pictures by: Armaturenfabrik Franz Schneider GmbH + Co. KG

About AS-Schneider

The family-run company, AS-Schneider, was founded in 1875 and with over 350 employees, is one of the leading manufacturers of Instrumentation Valves and Manifolds worldwide. In the market segment for Large-Bore Diesel Engine Valves such as those used in marine propulsion and the generation of electricity, AS-Schneider is even the world market leader. With our own subsidiaries in Romania, Singapore, Dubai (UAE) and Houston (USA) and professional partners in more than 20 countries worldwide, we are located everywhere our customers need us.

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