WST Bayonet output registers

Arad

ARAD WST water meters can be equipped with pulse output registers for automatic measuring with RRL-88 or horticultural BMS systems of water flows in irrigation and other water systems. Two pulse outputs are available, reed switch (EV) and photodiode pointer (EF-P).

For the WST Bayonet (from 2020) water meters a new and special EV register is available with IP68 protection and is installed in the new bayonet housing. The previous model EV reedswitch was installed using a connection through the glass cover and into the register. The new model EV reedswitch suitable for the bayonet housing is placed on top of the housing itself, leaving a clear glass display of the register. The new EV reedswitch can be installed pointing towards one of 3 available magnetic pointer positions of the housing, resulting in 3 different pulse output resolutions.

APPLICATION

Output registers for Arad WST Bayonet water meters

CHARACTERISTICS

- Magnetic reed switch (operating as a dry contact)
- EV output available pulse resolution 1:1, 1:10 en 1:100
- IP68 protection

TECHNICAL DATA

Please check the regular WST output register product leaflet for more information. The contact load for the WST
Bayonet reed switch is the same as the regular WST output register reed switch.

INSTALLATION & MAINTENANCE

Following parts are required to install an Arad WST bayonet output register:

1. 70220-081500 WST Byo inner housing
2. 70220-081502 WST Byo Stopper Pin
3. 70220-081503 WST Byo outer housing
4. 70220-081501 WST Byo EV reed switch housing 1.5m

1.

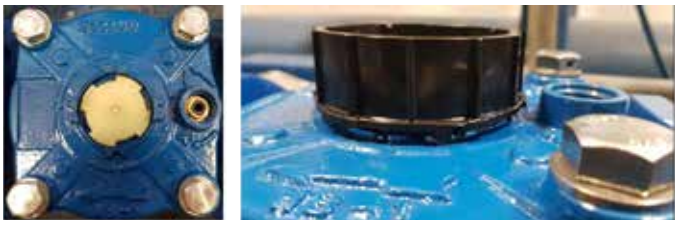
2.

3.

4.

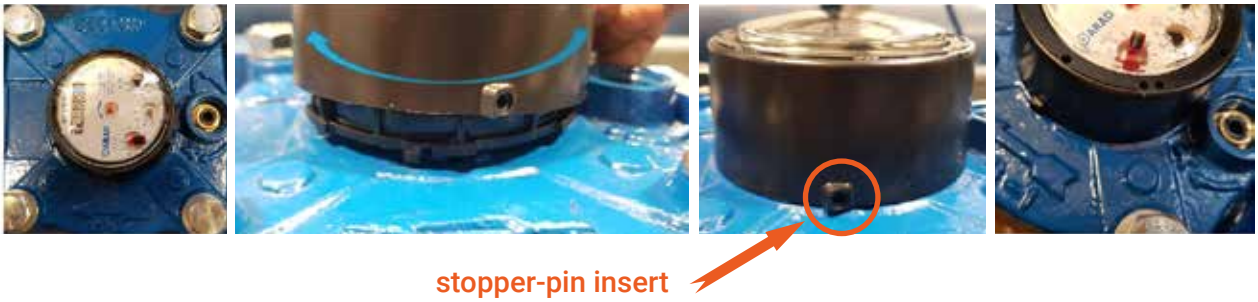
BAYONET REGISTER ASSEMBLY

1) Assemble the inner housing on the WST Bayonet body by turning the inner housing counter clockwise.



2) Line-up the register with the default flow direction, directing the 3 pointers on top of the calibration set screw

3) Install the outer housing over the inner housing, aligning the stopper-pin insert with both housings



4) Insert stopper-pin in the outer housing and gently push through until the pin is completely inserted.

5) Mount the EV reed switch on top of the outer housing, lining-up the reed switch with the desired pointer. There are 3 different optional positions to line-up the pointer with the reed switch.