



## YARWAY OPERATING AND SAFETY INSTRUCTIONS

### SAMPLE VALVES

Before installation these instructions must be fully read and understood

*!! Read all warning labels fitted to the sample valve before operation or maintenance !!  
Never open, dismantle or modify the assembly whilst under pressure/temperature or other hazardous conditions.*

#### WARNING

*For safety reasons, it is important to take the following precautions before you start work on the sample valve:*

- 1. Read all labels fitted to the sample valve and this sheet before installation, operation or maintenance.*
- 2. Use sample valve for the intended purpose (according contract/specification).*
- 3. Do not use the connections, air-cylinders or any of its accessories for applying torque.*
- 4. For installation of the sample valve use gasket and bolting material in accordance with the relevant piping code (ASME/ANSI or EN).*
- 5. Additional mounting/modifications on sample valves are not allowed without approval from Yarway.*
- 6. The line must be depressurized, drained, vented and cooled down before installation.*
- 7. Handling of all sample valves, and accessories must be carried out by personnel trained in all aspects of manual, mechanical handling/lifting techniques and standard safety procedures, in case of doubt, consult your supervisor and/or safety officer.*
- 8. Yarway do not accept liability for site work performed under supervision of others.*
- 9. Insulate the sample valve in accordance with plant requirements.*

*10. Please, follow the procedure as detailed in the IOM\*.*

*11. If the valve is supplied with a Yarway bottle holder, make sure that the vent connection in the bottle adaptor is open to the atmosphere. Do not overfill the bottle.*

#### INSTALLATION

1. Flanged sample valve: be sure that the gaskets are clean and use suitable gaskets. Do not re-use gaskets.
2. Threaded sample valve: a suitable sealing compound as PTFE-tape or equivalent should be used for sealing.
3. Do not apply any force to the air-cylinder when screwing- in the valve assembly.
4. Check for the 'Arrow' on the body, install the sample valve such that the flow direction is with the arrow.

#### CATEGORY

Sample valves are manufactured in accordance with 2014/68/EC - Article 4, Sub 3 (SEP) - gas/liquid Group 1 and 2.

Pressure/temperature limits are indicated:  
# on the sample valve nameplate  
# design code: ASME B16.34

#### NOTE

IOM\* = Installation, Operation and Maintenance Manual

### FINAL INSPECTION

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Yarway sample valves have been tested, degreased, dried and prepared according to service application. This should be carried out in accordance with the relevant IOM\* and available upon request by:

Yarway via our website:  
[www.valves.emerson.com](http://www.valves.emerson.com)

### STATE OF DELIVERY / STORAGE / SELECTION / SERVICE LIFE

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#### State of delivery

Yarway's sample valves are delivered with protection and tested according applicable QIP (Quality Inspection Plan). Particular care should be exercised when removing the sample valve from its packaging and your special attention is required to check carefully that no damage has occurred to flange faces or threadings before installation. Check out IOM\* - instructions before proceeding.

#### Storage

For short term storage, up to 6 months, no additional preservation is necessary. Retain the sample valve in its original packaging in a clean, dry indoor location. For long term storage, use only a dry indoor location. Follow instructions given in the IOM\* before placing the sample valve into service.

### Selection

Ensure that sample valves material of construction and pressure/temperature limits shown on the identification plate and according to the suitable code for the process conditions. If in doubt, contact Yarway or your local representative.

### Service life

Expected service life may vary upon condition of service. Check unit at least once per 8000 hours or longer intervals based upon site experience.

### SPARE PARTS

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Use only genuine Yarway components.

### NOTE

IOM\* = Installation, Operation and Maintenance Manual