

## "VISTA" SPINNER TYPE SIGHT FLOW INDICATOR

### STORAGE, INSTALLATION & MAINTENANCE INSTRUCTIONS

#### 1. STORAGE

Flow indicators and component spare part parts should be stored with care in a clean, dry area, preferably at temperatures above freezing point.

#### 2. INSTALLATION

##### **Safety Check**

Before installation please check that the flow indicator is suitable for your operating conditions.

The 'Vista' spinner type flow indicator will withstand a maximum working pressure of 10 bar, and a maximum working temperature of 100°C.

If the line temperature reaches 100°C it is important that personnel are warned of the danger with appropriate notices, and the line should be lagged where necessary.

The standard wetted components parts consist of a gunmetal, POM rotor, Borosilicate glass dome and a Viton 'O' ring seal.

Care should be taken to ensure that liquid contained within the flow indicator will not be subject to hydraulic lock or rapid temperature changes that could result in thermal shock to the glass dome.

If you have any doubts regarding the suitability of the flow indicator for your application please contact us for advice.

##### **Mounting in your pipeline**

The spinner type indicator must be fitted so that flow takes place in the direction of the arrow located on the side of the indicator body.

Installation in a position where accidental damage to the flow indicator is likely, particularly to the glass dome, must be avoided.

### 3. INSPECTION & MAINTENANCE

In the interest of safety all flow indicators should be inspected at regular intervals to ensure that the Borosilicate glass dome remains free of erosion to the inner surface as well as scratches, chips or abrasions to the outer surface. Possible deterioration of the glass dome with age should not be overlooked.

In certain instances the periodic removal of the glass dome for cleaning might be necessary.

Ensure that the system is depressurised and drained before dismantling the unit. Any remaining fluid should be collected in a suitable container and handled and disposed of in a safe manner appropriate to the medium.

Care must be taken to ensure that the glass dome is not damaged or scratched during this operation.

The fasteners that secure the clamp ring should be tightened in a sequence of diagonal opposed corners so as to achieve even compression. The assembly torque should not exceed 2.3Nm.

If you have any doubts concerning the condition of the glass dome or any other component parts, please contact us without delay for advise.

### 4. SPARES

Spare parts are usually required as a result of accidental damage. We recommend that a limited number of glass domes and seals be kept in your maintenance stocks and a priced recommendation is available upon request.

**IMPORTANT: PLEASE RETAIN FOR FUTURE USE**