

## 1

## FIG.103.1 LIQUID LEVEL INDICATOR FOR FLOATING ROOF TANKS



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| Technical data        |  |
|-----------------------|--|
| Design pressure       | <0.5 Bar   |
| Design temperature    | -20/80 °C  |
| Operating pressure    | atmospheric  |
| Operating temperature | -20/80°C   |
| Measuring range       | 2...19.9 m   |
| ATEX certificate      |  |
| Factory tested:       | Waterproof for float and dimensional for all items |
| External finish       |  |
|                       | Epoxy paint RAL7023                                |

| Package dimensions & weights for one level indicator |                 |    |    |             |
|--|-----------------|----|----|-------------|
|  | Dimensions (cm) |    |    | Weight (kg) |
|  | A               | B  | H  |             |
|  | 40              | 70 | 30 | 18          |

| Package dimensions & weights for 10 m scale board |                 |    |    |             |
|---|-----------------|----|----|-------------|
|   | Dimensions (cm) |    |    | Weight (kg) |
|   | A               | B  | H  |             |
|   | 210             | 16 | 10 | 12          |

| Materials & product codes for Fig. 103.1 Liquid level indicators |                      |                           |                    |
|--|----------------------|---------------------------|--------------------|
| Items  | Description          | Materials of construction |                    |
| 1  | 90° elbows           | Aluminium                 | Alum/Teflon® lined |
| 2  | 1 ¼" pipes           | Galvanized steel          | SS316L             |
| 3  | Pulleys              | PVC                       | Teflon®            |
| 4  | Shafts               | SS316                     | SS316              |
| 10   | Dia.390 mm float     | SS316                     | SS316              |
| 11   | Cable                | SS316                     | SS316              |
| 13   | Wire clamps          | SS316                     | SS316              |
| 17   | Elbow bracket        | Carbon steel              | SS304              |
| 18   | Scale board          | Aluminium                 | Aluminium          |
| 19   | Scale board brackets | Galvanized steel          | SS304              |
| 20   | Bracket screws       | Galvanized steel          | SS304              |
| 21   | Pointer              | Cast iron                 | Cast iron          |
| <b>Product code NPT connections</b>                              |                      | 103.1.32.101              | 103.1.32.103       |
| <b>Product code UNI339 connections</b>                           |                      | 103.1.32.102              | 103.1.32.104       |

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