

## DIGITAL WEIGHT INDICATOR FOR SILO, TANK AND VESSEL WEIGHING



Vessel weight indication problems solved simply and cost effectively.

The Smart range of digital indicators provides a simple solution where a local display of weight is required.

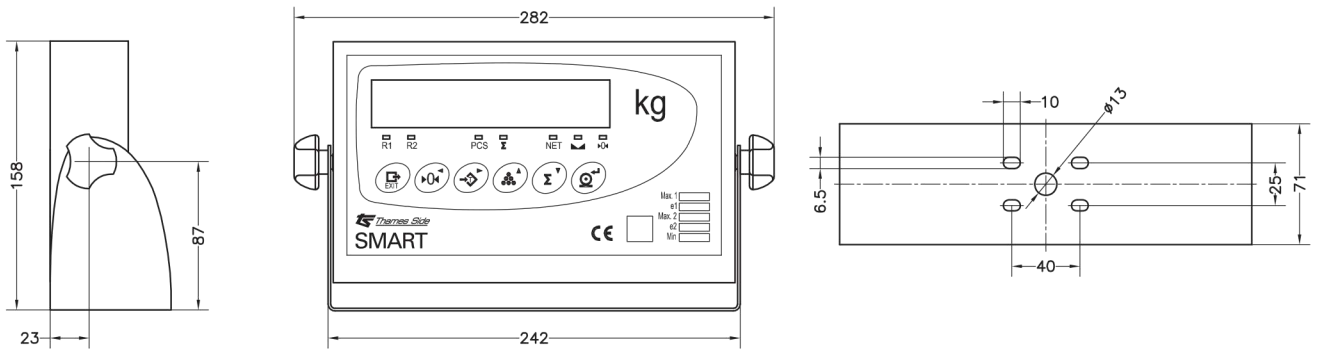
Three models are available at different price points to cover most requirements.

ATEX versions for use in zones 2, 21 and 22 are also available.

- User friendly configuration and calibration menu
- High resolution; 100,000 external divisions
- 7 digit, high brightness, LED display
- OIML R76 and EN 45501 approved
- Digital communications
- Excitation for up to 4x350Ω or 8x700Ω load cells
- Lineariser function
- IP65 stainless steel enclosure with mounting kit
- Multi-range for dual range and dual division
- Configurable as a remote display

# SMART

technical specification...



|                                    |  | Versions        |                         |                         |
|------------------------------------|--|-----------------|-------------------------|-------------------------|
|                                    |  | SMART-IP65      | SMART-IP65-MULTI-1      | SMART-IP65-MULTI-2      |
|                                    |  | SMART-IP65-ATEX | SMART-IP65-MULTI-1-ATEX | SMART-IP65-MULTI-2-ATEX |
| Resolution                         | 24 bit A/D                                 | ✓               | ✓                       | ✓                       |
| Internal divisions                 | 16 million                                 | ✓               | ✓                       | ✓                       |
| External divisions                 | 100,000                                    | ✓               | ✓                       | ✓                       |
| Excitation                         | 6 V DC                                     | ✓               | ✓                       | ✓                       |
| AC Power Supply                    | 230 ± 10% V AC 50/60 Hz, 6W                | ✓               | ✓                       | ✓                       |
| DC Power Supply                    | 12 V DC (9-18V DC) 600 mA                  | ✓               | ✓                       | ✓                       |
| Approval                           | OIML R76, EN 45501, single or multi-range  | ✓               | ✓                       | ✓                       |
| Analogue outputs                   | 0-5V, 0-10V, 0-20mA, 4-20mA; Opto-isolated |                 |                         | ✓                       |
| Digital inputs                     | 4  |                 | ✓                       | ✓                       |
| Digital Outputs                    | 4  |                 | ✓                       | ✓                       |
| Network Comms                      | RS485 and RS232T                           |                 | ✓                       | ✓                       |
| Serial Comms                       | RS232                                      | ✓               | ✓                       | ✓                       |
| Enclosure                          | stainless steel                            | ✓               | ✓                       | ✓                       |
| Display digits                     | 7 x 20mm                                   | ✓               | ✓                       | ✓                       |
| Readings per second                | 50   | ✓               | ✓                       | ✓                       |
| Linearity Correction               |  | ✓               | ✓                       | ✓                       |
| Clock                              | Date - Time                                |                 | ✓                       | ✓                       |
| Cable gland & terminal connections | Hermetically sealed                        | ✓               | ✓                       | ✓                       |
| Environmental Protection           | IP65                                       | ✓               | ✓                       | ✓                       |
| Pre-calibration mV facility        |  | ✓               | ✓                       | ✓                       |
| Piece counting facility            |  | ✓               | ✓                       | ✓                       |

### Channel Partner :

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Our policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.



www.thames-side.in