BAYHAM

BAYCEE 600 CONTENTS GAUGES FOR NH3 TANKS

Features:

Robust Construction.
Magnetic Coupling through Mounting Flange.
Mechanically Polished Wetted Parts for High Purity Applications
Remote Reading and Integral Level Switch Options.

Applications:

Bulk Storage NH3 Vessels.
Mobile Tanks.

Bayham Baycee 600 float operated contents gauges are designed to give many years reliable service with little or no maintenance. Every gauge body and float is pressure tested to 700 psig (48 bar) prior to assembly.

Maintenance or changes to the gauge head assembly can be carried out without having to empty the tank. This means that a direct reading gauge can be easily modified to a remote reading gauge while the tank remains in service. It is recommended that the gauge function is checked during tank inspections and any worn parts replaced.

The 150mm local dial can be supplied with standard graduations in %, m3, Kg or Tonnes.

Two versions of the Baycee are available:

Type: Baycee 600 direct reading gauges.
Type: Baycee 600SR direct reading gauges with optional integral micro switches for level alarms or with a precision potentiometer or a loop powered 4-20 mA transmitter for remote monitoring. A complimentary range of panel mounted modules are available for additional level alarm control plus remote indicators with calibrated dials to match the Baycee local dial.

Standard Specifications

Gauge housing:	Polyester Coated Aluminium
Dial window:	Lexan
Flange and float:	Stainless Steel
Gear assembly:	16/40 or 11/40 ratio all Stainless Steel
Maximum float arm travel:	120 degrees (end mounted), 82.5 degrees (side mounted)
Maximum pointer travel:	300 degrees
Pressure rating:	30 bar. (48 bar test pressure)
Temperature range:	-40 to +40 ^{0}C (product only)
Micro switch rating	250 Vac / 4 A resistive
Continuous outputs:	1000 Ohm potentiometer or 4-20 mA loop powered (nom. 24 Vdc)

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Information required:

1. Gauge type.
2. Tank dimensions.
3. Gauge mounting position.
4. Dial calibration plus any additional markings for max. fill etc.
5. Details of any internal obstructions
6. Whether static or mobile application.
7. Details of switch levels if required.
8. Type of remote monitoring if required.
9. Power supply available.

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