



Application

The COLM (COntec Level Measurement) T/LL 70 series is a comprehensive range of vertical float level switches designed around the proven and reliable magnet and reed switch principle. Comprising many build variants, the T/LL70 is customised to each application by means of materials, level adjustment, connection, thread and reed contact specification etc. The data below gives some sense of the numerous combinations, but some interdependency exists with regard to the materials of construction.

Technical Data

Fluids: Fluids compatible with the construction materials

Construction

Header: Brass, PVC or 316 Stainless steel
Stem: Brass, PVC or 316 Stainless steel
Float: Buna N, Polypropylene or 316 stainless steel

Terminations IP67 terminal box, DIN connector, flying leads

Stem material

Brass: 2.25 M max. length
PVC: 1.5 M max. length
Stainless steel: 3 M max. length

Electrical Data

Reeds

Quantity: up to 12 switched levels
Switching: N/O, N/C, changeover
Current: up to 3.0 A
Power: up to 100 VA
Voltage: up to 300 VAC

Fitting

Standard: 1/2" BSP, 1" BSP, 1 1/2" BSP
Optional: Other fittings are available on request

Environmental ratings

Operating Temp.: -20 °C to +70 °C
Ingress (Enclosure): IP67
Vibration: 7.44 Grms, BSEN 60068-2-64:1993, Random Vibration

