

DP01

Paddle-type flow switch

- With and without T fitting, for piping from 1/4" to 6"
- Constructed of brass, stainless steel and with T fitting of PVC
- Upper part with T fitting can be removed, allowing cleaning or replacement without requiring readjustment
- Causes only slight pressure loss
- Available with reed contact or microswitch
- Switching function depends only on flow, not on pressure and temperature of fluid



Description:

The flow switches model DP01 operate according to the paddle principle. The flowing liquid pushes against the surface area of a paddle mounted at the end of a pivoting arm. The dynamic pressure against the plate deflects the arm. This motion causes a permanent magnet attached on the other end of the arm to switch an adjustable reed contact located outside the liquid being monitored. By moving the reed contact, different switching points can be set.

Fields of application:

The DP01 paddle flow switch is suitable for monitoring the switching point of low-viscosity liquids. The switching point is normally set as required for the specific process. However, fixed switching points for increasing or decreasing flow rate can also be preset at the factory, if necessary.

