عنوان مقاله:

A new method for finding phase difference based on trigonometry identities for Cosiolis mass flow meter

محل انتشار:

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خلاصه مقاله:

This paper presents a new method for finding phase difference. This method is based on trigonometryidentities. This method is used for calculating phase change in Coriolis mass flow meter (CMFM). Thischange is happened when steady state fluid passes through U-type sensor. Passing fluid makes changes inmotion form of tubes and a phase change is occurred. Motion sensors make sinusoidal signals. Afterfinding difference in phases processor used approved formulas for calculating mass flow and otherparameters in CMFM.

کلمات کلیدی:

trigonometry identities, Coriolis mass flow meter, sensor, phase difference

لینک ثابت مقاله در پایگاه سیویلیکا: