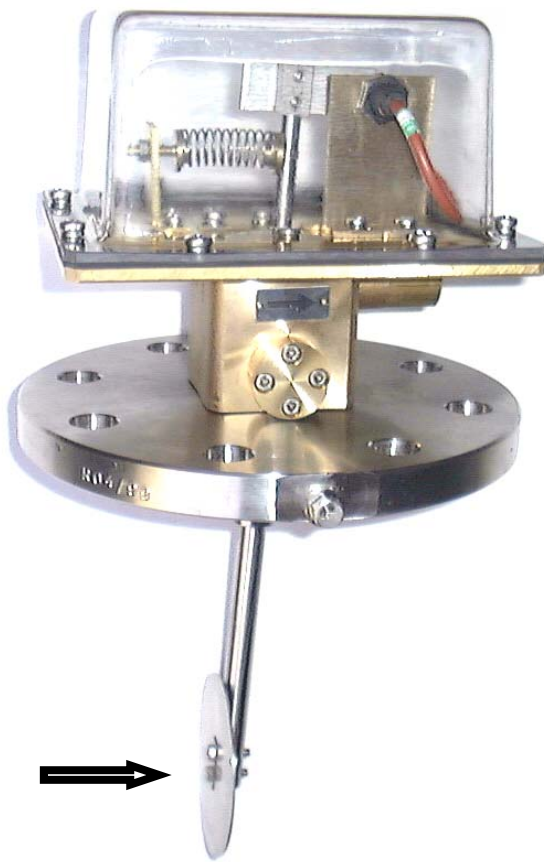


## Flow switch -Types 701v and 721v

The heavy duty flow switches EARL type 701v and 721v serve to control liquid and high velocity gas flows in pipes DN 25 to DN 250. The type 721v is from DN 25 to DN 40 only available within T-piece with flanged connection. The type 701v is connected either with flange DN 50 PN 16 or according to DIN resp. 2" 150 lbsRF according to ANSI B 16.5. The rugged construction with metal bellows sealing makes the unit suitable to control liquids containing impurities or gas containing solid particles.



### Advantages

- Unit operates in any direction
- Vibrationproof construction
- Suitable for contaminated media
- Explosionproof models
- Design for long-term reliable operation
- Simple installation and connection
- Unit virtually maintenance free
- Long-term continuity of spares supply

### Suitability

- Lubricating control on large gears
- Flow control of pneumatically transported saw- or coal-dust
- Monitoring of cooling water circuits in industrial plants
- Bitumen control in refineries
- Tank filling and emptying control
- Sprinkler released fire alarm
- Process control in chemical industry
- Flow monitoring in water purifying plants

When the medium enters in the direction of flow indicated by the arrow it acts upon the target disc. The movement of the target disc is transferred against the force of a measuring spring via a lever to a micro switch or inductive switch. A metal bellows is used to seal the switching area, enabling the level bearing to be placed outside the medium area.

