

Thermische gasmassa flowmeters

Aandachtspunten & mogelijkheden

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Inhoud

Industrieel

Insteek & Inline

Bypass

Meters & controllers

Aandachtspunten & mogelijkheden

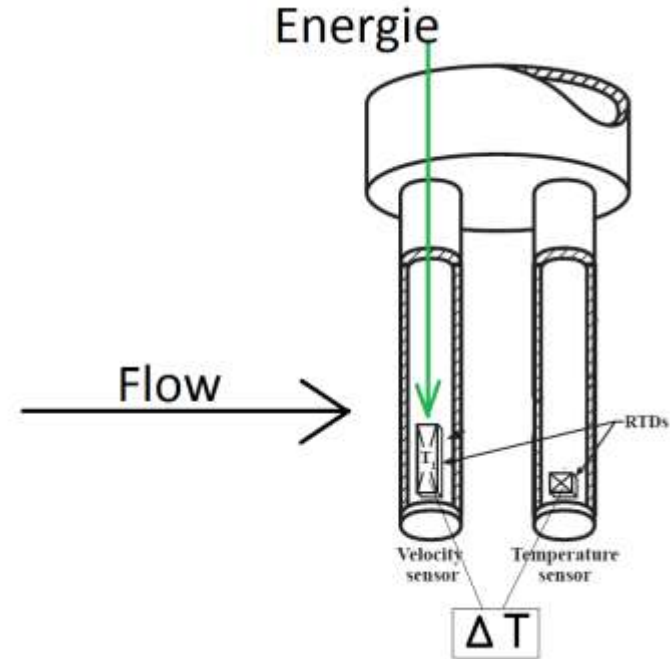


Industrieel: de meettechniek

Afkoelend effect

RTD: resistance temperature detectors

Thermische eigenschappen van het gas



Industriële types

Insteek

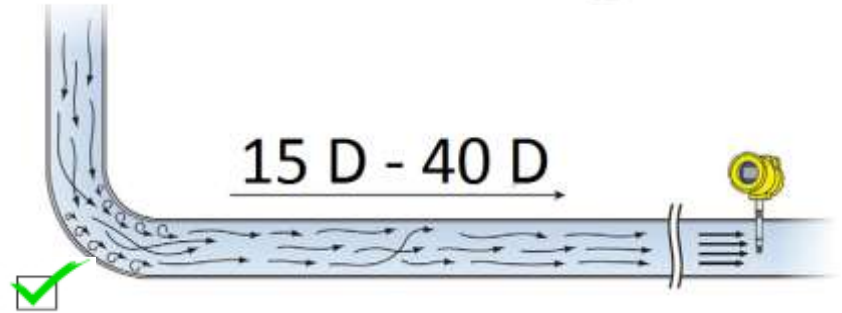
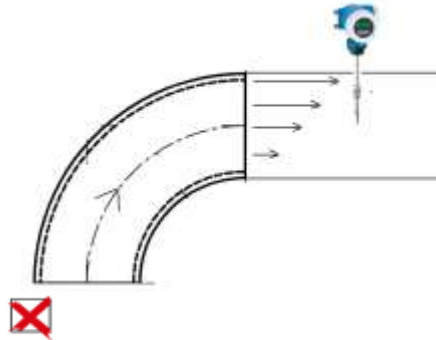
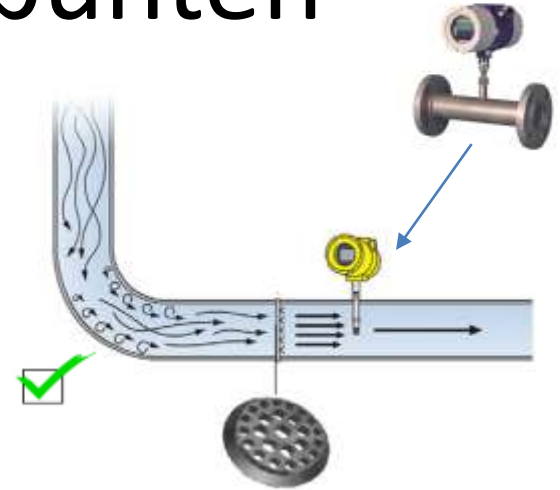
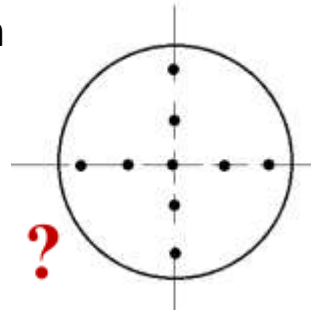


Inline



Industriële aandachtspunten

- Flowprofielen, bochten, ventilatoren
- Gassenstelling
- Schoon & droog gas



Industriële mogelijkheden

- Grote kanalen & leidingen
- Groot dynamisch meetbereik
- Minimale drukval



Inline: compacte inbouw mogelijkheden

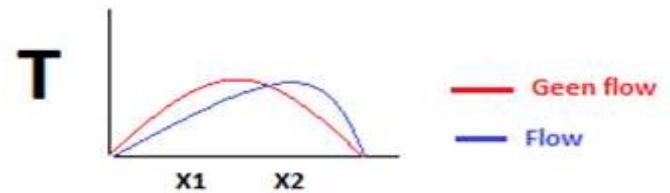
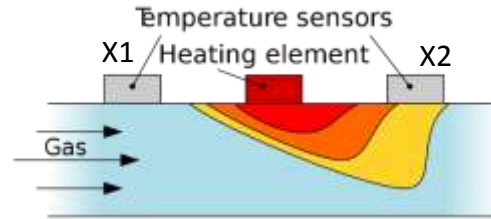
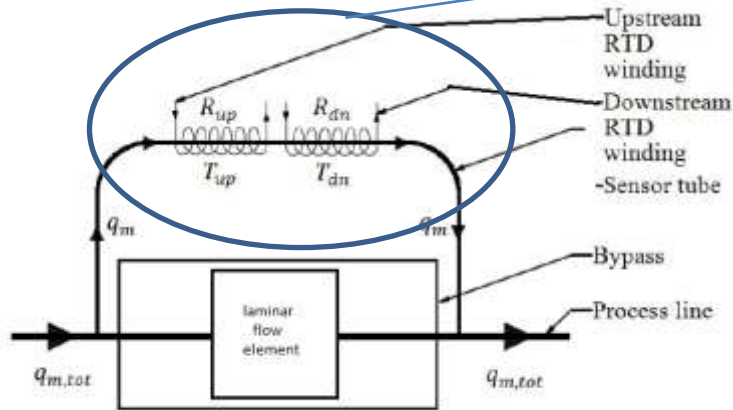


Insteek: eenvoudige installatie

Total cost of ownership



Bypass: de meettechniek

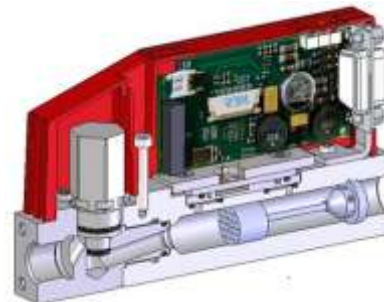


Bypass types

Uitvoeringen: Mass flow meters

&

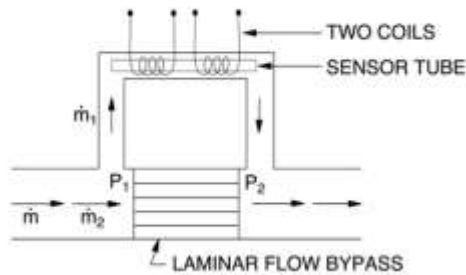
Mass flow controllers



Sensoren: capillair

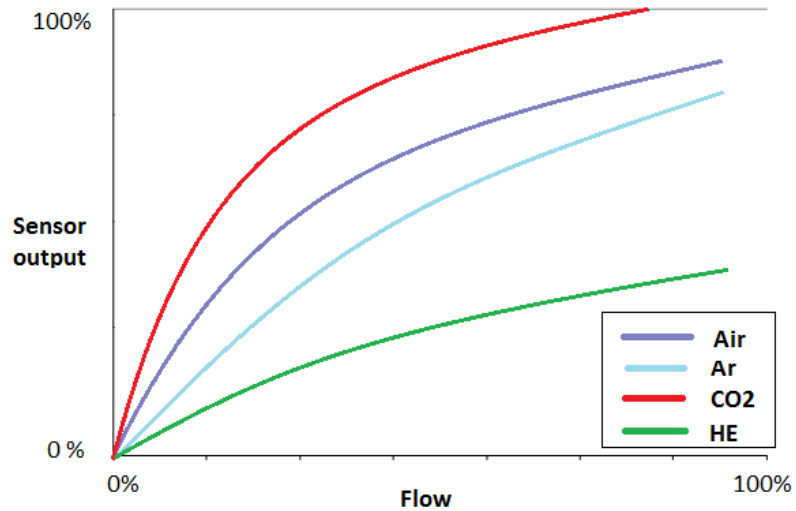
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MEMS-sensor

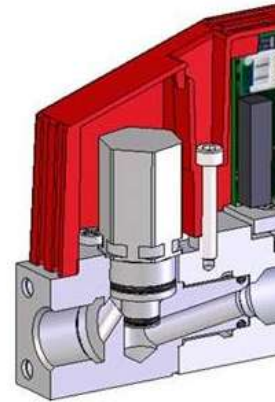


Bypass aandachtspunten

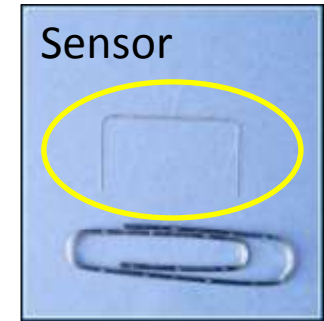
Gassamenstelling



Procesdruk

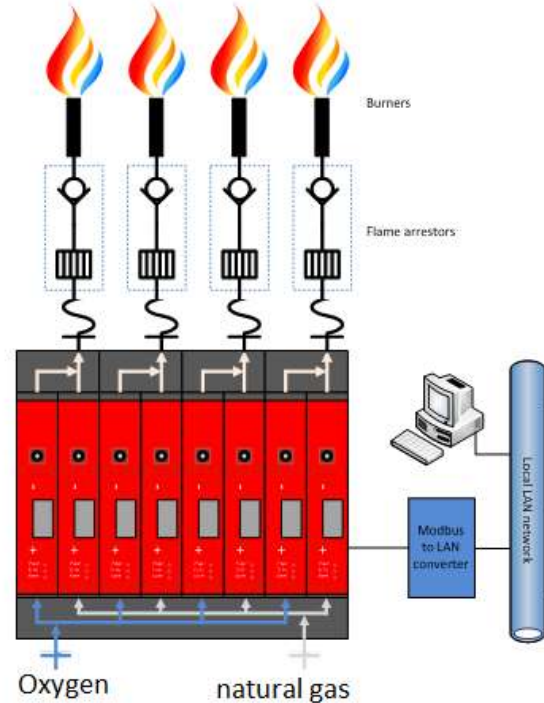


Vervuiling



Bypass mogelijkheden

Economische **massa** meting
Zelfs voor zeer lage flows
Meten, regelen, doseren, mixen
Breed inzetbaar



Conclusie

Veel varianten

Nog meer applicaties

Eindeloos veel mogelijkheden, mits.....



Vragen?



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