EMF Series Electromagnetic flowmeter
EMF760 Series

The technical data about the converter

- Setup parameters through buttons on the panel
- Display languages in English/Swedish/German/Spanish/Chinese
- Current output 4~20mA
- Frequency output with Optional full-scale frequency or equivalent pulse output.
- Flow indication in 4-lines LCD display showing: forward positive flow, instant flow, percentage flow and flow velocity with additional data.
- The max frequency value is 2kHz
- Passive frequency output: = external power - 1V
- External power supply voltage less than 30V
- Vol~0.5V, with load current ~ 50mA
- Same contact point with Frequency and Alarm output
- Optional Upper limit, Low limit, flow direction, batch quantity etc alarm function.
- Protection level: IP65
- Communication connection RS485(MODBUS-RTU MODBUS-ASCII) HART
- Working power 85v~265Vac or 24vDC(0.5A)
- Accuracy ±0.5%
CH770 Series

The technical data about the converter

- Setup parameters through buttons on the panel
- Display languages in English/Swedish/German/Spanish/Chinese
- Current output 4~20mA
- Flow indication in 4-lines LCD display showing: forward positive flow, instant flow, percentage flow and flow velocity with additional data.
- Frequency output with Optional full-scale frequency or equivalent pulse output.
- The max frequency value is 2kHz
- Passive frequency output: = external power - 1V
- external power supply voltage less than 30V
- vol~0.5V, with load current ~ 50mA
- Same contact point with Frequency and Alarm output
- Optional Upper limit, Low limit, flow direction, batch quantity etc alarm function.
- Protection level: IP65
- Communication connection RS485(MODBUS-RTU MODBUS-ASCII) HART
- Working power 85v~265Vac or 24vDC(0.5A)
- Accuracy ±0.5%
- Explosion-proof grade Exd(ib)ibq II BT5
CH81 Model Flange Sensor

Technical Data

- Application include Water, Food and Beverage, Corrosive medium, Conductive liquid and liquid-solid two-phase Fluid (pulp mud etc)
- Diameter DN10a-'DN2000(mm)
- Nominal pressure 0.6-'4.0Mpa (Depending on the diameter)
- Electrode material used include Stainless steel 316L, Hastalloy C, Hastalloy B, Titanium, Wolfram carbide and Platiniridium electrode
- Lining material used are FEP NE PU PTFE and PFA
- Medium temperature -40°C-'180°C (limited by the lining material’s heat-resistant characteristic)
- Shell material Carbon steel (Customizable stainless steel shell)
- Protection level IP65 IP67 IP68
- Connected flange GB9119 (Connects with HG20593-1997 etc flange)
- Scraper type electrode for easy removal of silt (usually used for DN150-DN2000 for sewage measurement
- Multi-electrode insulated structure with grounding electrode
CH82 Model clamp Sensor

Technical Data

- Diameter DN25~DN200(mm)
- Stainless steel 316L Electrode material
- Hastalloy C, Hastalloy B, Titanium, Wolfram carbide and Platiniridium electrode body
- FEP Lining material
- Medium temperature range of 40°C~120°C
- Shell material - Carbon steel or stainless steel
- International Connection Clamp
- Pressure level (0.6~4.0MPa)
CH86 Model Sanitary Sensor

Technical Data

- Diameter DN20~DN80(mm)
- Electrode material - Stainless steel 316L
- Lining material - FTFE
- Medium temperature ~180 °C
- Shell material - Stainless steel
- Protection level IP65, IP68
- Standard Connection
- Rated Pressure 1.0Mpa (Customizable for special pressure)
CH7701 Series electromagnetic flowmeter

CH85 Model Minor-caliber Sensor

Technical Data

- Diameter DN1.5 ~ DN40(mm)
- Electrode material - Stainless steel 316L
- Lining material - PFA
- Medium temperature range from 0-180°C
- Protection level IP65, IP67, IP68
- Connection: Inch thread (or according to the customer’s requirement)
CH7701 Series electromagnetic flowmeter

EMF8701
CH7706 Series electromagnetic flowmeter
CH7706 Series electromagnetic flowmeter
CH7105 Series electromagnetic flowmeter
CH7602 Series electromagnetic flowmeter
CH7601 Series electromagnetic flowmeter
Converter

CH7700

CH7600