

# **NXL FLOW INSTRUMENTS**



## Electromagnetic flowmeters

Velocity range : 0.01m/s to 10 m/s

Accuracy : ±0.5% or ±0.2%

Ten point nonlinear correction

Auto zero calculation and Empty check function

Bidirectional measurements

Electrode self-clear function

Size : 3/8 inch to 24 inch

Pressure rating : PN1.6 to PN40

MPa,Class150/300/600/900,

Body material : SS304 or 316 stainless steel

Flange material : carbon or SS304 or 316 stainless steel

Cover material of sensor : carbon or SS304 or 316L

Process connect : Flange or Threaded or Triclamp

Lining material : PTFE , Rubber

Electrode material : 316L,hastelloy alloy,titanium, tantalum

Power supply : 24VDC or 110VAC or 220VAC

Output signal: 4-20mA and pulse

Alarm signal : high and low alarm output

Communcion : Hart or RS485(modbus)

Display: LCD , 4-line, flow rate and total flow

Unit: m3,liter, gallon, ton(t) ,kg

Fluid temperature: up to180 °C



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# **NXL FLOW INSTRUMENTS**



## Remote electromagnetic flow transmitter

Size: [DN4 to DN600 \(1/8 inch to 24inch\)](#)  
Accuracy: [0.05% \(without sensor\)](#)  
Accuracy : [±0.5% or ±0.2% \(With Sensor\)](#)  
Velocity range : [0.01m/s to 10m/s](#)  
Power supply : [24VDC or 86VAC to 265 VAC,50/60HZ](#)  
Output signal : [4 to 20mA and pulse](#)  
Alarm signal : [high alarm and low alarm signal output,candrive the relay and lamp](#)  
Communcation : [RS485 with modbus](#)  
Display: [LCD and 4-line , flow rate and total flow](#)  
Unit: [m3, liter,gallon,ton \(t.\), kg ,etc.](#)  
Exciting current : [160 mA or 250mA](#)  
Sensor coil resistance : [40 to 50 ohm or 70-130 ohm](#)  
Response time : [0.5 ms,fast reponse type](#)  
Protect grade: [IP67](#)  
Function1: [new auto empty check](#)  
Function2: [auto zero calculation](#)  
Function3: [ten point nonlinear correction](#)  
Function4: [bidirectional measurements](#)  
Function5: [electrode self-clear](#)  
Function6: [high reliability and high stability](#)



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