



Level Switches/Transmitters

Static Pressure Level Switch
Polyamide, Buna-N
Model: NDT

t_{range} : 15 °F to 185 °F; p_{max} : atmospheric
Switchpoint: 4 inches above end of pipe
Connection: Hose clamp for 1 1/4" pipe

Vibration Switch - Bulk Materials
Stainless steel
Model: NSV

Switching range: 9" ... 118"
Specific Gravity $_{min}$: 0.06
 t_{max} 176 °F; p_{max} atmospheric
Connection: G 1 1/2
1 relay, SPDT

Vibration Switch - Bulk Materials
Stainless steel
Model: NVI

Switching range: 9.25" and special lengths
Specific Gravity $_{min}$: 0.05
 t_{max} -22 °F to 320 °F; p_{max} 360 PSIG
Connection: G 1 1/2 male, 1 1/2" NPT

Diaphragm Switch - Bulk Materials
NBR, FPM, stainless steel
Model: NMF

t_{max} 392 °F; p_{max} 1 bar (over-pressure)
secure
Connection: flange

Pendulum Level Monitor
Bulk Materials
Aluminum, EPDM
Model: PLS

Length $_{max}$: 78.7"
 t_{max} 176 °F; p_{max} -0.5 ... 7 PSIG
Connection: Aluminum flange
Contact: SPDT microswitch 250 V_{AC}/3A

Rotation Vane Switch
Bulk Materials
Stainless steel
Model: NIR-8

Switching range: 1" ... 157"
 t_{max} 392 °F; p_{max} -7 ... 7 PSIG
Connection: G 1 male and G1 1/2 male
Adapter: G 1 1/4, G 1 1/2, round flange
Contact: SPDT microswitch 250 V_{AC}/2A

Rotation Vane Switch
Bulk Materials
Stainless steel
Model: NIR

Switching range: 7.4" ... 157"
 t_{max} 176 °F; p_{max} -7 ... 7 PSIG
Connection: G 1 and G1 1/2 male,
Adapter: G 1 1/4, G 1 1/2, round flange
Contact: SPDT microswitch 250 V_{AC}/2A

Capacitive Switch
Bulk Materials
Stainless steel, polypropylene
Model: NSC

Dielectric constant $_{min}$: 1.5
Switching range: 10" ... 49 feet
 t_{range} -4 °F to 176 °F; p_{max} -1.5 ... 7 PSIG
Connection: G 1 male,
Adapter: G 1 1/4, G 1 1/2, round flange

Liquid Level Transducer
Stainless Steel, PVC, polypropylene,
PTFE
Model: NM

Specific Gravity $_{min}$: 0.5
Measuring range: 12" ... 19.8 feet
 t_{range} : -4 °F to 250 °F; p_{max} : 290 PSIG
Connection: 3/8" ... 2" NPT male, R 3/8 and
R 1/2, 2 1/2" ... 4" ANSI flange

Liquid Level Transducer
Polyethylene, PVC, polypropylene,
PTFE
Model: NML

Specific Gravity $_{min}$: 0.47
Length $_{max}$: 12 feet
 t_{range} : -4 °F to 300 °F; p_{max} : 800 PSIG
Connection:
2" NPT male, 2" and 3" ANSI flange

Liquid Level Transducer
Polyethylene, PVC, polypropylene,
PTFE
Model: NML-308

Specific Gravity $_{min}$: 0.9
Length $_{max}$: 6" to 48"
 t_{range} : -4 °F to 250 °F; p_{max} : 25 PSIG
Connection: 1 1/4", 1 1/2" NPT male

Liquid Level Transducer
Polyethylene, PVC, polypropylene,
PTFE
Model: NML-310

Specific Gravity $_{min}$: 0.8
Length $_{max}$: 12" to 108"
 t_{range} : -4 °F to 250 °F; p_{max} : 40 PSIG
Connection:
2" NPT male, 2" ... 4" ANSI flange

Magnetostrictive Level Meter
Stainless steel
Model: NMT

Specific Gravity $_{min}$: 0.7
Measuring range: 12" ... 157"
 t_{range} : -4 °F to 158 °F; p_{max} : 145 PSIG
Connection: 2" NPT male, G2 male
Output: Analog 4 - 20 mA, 4-wire

Capacitive Level Meter
Stainless steel, PVDF
Model: NMC

Measuring range: 10" ... 157"
Dielectric constant $_{min}$: 1.5
 t_{max} 257 °F; p_{max} 145 PSIG
Connection: G 1, G 2 male,
Adapter: G 1 1/4, G 1 1/2, weld-in sleeve
Output: Analoge 4 - 20 mA, 2 wire

Potentiometric Level Probe
Stainless steel
Model: LNP

Conductivity: 1 μ S/cm
Measuring range: 8" ... 80"
 t_{range} 14 °F to 248 °F (30 minutes at 300 °F);
 p_{max} 145 PSIG
Connection: 1" NPT male, G 1 male

Capacitive Level Transmitter
Stainless steel, PTFE, CPVC
Model: NRF

Rigid probe and suspended cable designs
Length $_{max}$: 200 feet
 t_{range} : -100 °F to +350 °F; p_{max} : 500 PSIG
Connection:
3/4", 1 1/2" NPT male, 1 1/2" ... 3" Tri-clamp



Level Meter/Transmitters

Capacitive Level and Temperature Probe

Stainless steel, PTFE
Model: NRF-2, -3



Measuring length_{max}: 12 ft
t_{range} -100 °F to 350 °F; p_{max} 100 PSIG
Connection:
¾" NPT male, 1½" - 3" Tri-Clamp
Output: 4 - 20mA, RTD

Water Well Level Transmitter

Stainless steel
Model: NRF-1W



Measuring length_{max}: 1,000 ft
t_{range} -100 °F to 350 °F; p_{max} 100 PSIG
Connection:
¾" NPT male, 1½" - 3" NPT male
Output: 4 - 20mA, 2-wire

Bypass Level Indicator

Stainless steel, PP
Model: SZM



Measuring length_{range}: 15" ... 121"
t_{max} 212 °F; p_{max} 87 PSIG
Connection: DIN flange, DN 15...32

Bypass Level Indicator

Stainless steel
Model: MBSK



Measuring length_{range}: 19.7 ft
t_{max} 752 °F; p_{max} 1,450 PSIG
Connection:
1½" ... 1¼" ANSI flange, DN 15...32

Mini Bypass with Roller Indicator

Stainless steel
Model: NBK-M



Measuring length_{range}: 8" ... 9.8" ft
Specific Gravity_{min}: 0.78
Viscosity_{max}: 200 cPs
t_{max} 390 °F; p_{max} 580 PSIG
Connection: ½" ... 1" NPT, G½, ½" ... 1" ANSI flange, DN 15 ... 25

Bypass with Roller Indicator

Stainless steel
Model: NBK-03,-06,-07,-10



Measuring length_{range}: 1 ft ... 19.7 ft
Specific Gravity_{min}: 0.54
Viscosity_{max}: 200 cPs
t_{max} -58 °F to 750 °F; p_{max} 1,450 PSIG
Connection: ½" - 2" NPT, G ½ - 2, ½" - 2" ANSI flange, DN 15 - 50

Tank-Top Mounted Level Indicator

Stainless steel
Model: NBK-04



Measuring length_{range}: 1 ft ... 13 ft
Specific Gravity_{min}: 0.55
Viscosity_{max}: 200 cPs
t_{max} 250 °F; p_{max} 230 PSIG
Connection:
2", 2 ½" ANSI flange, DN 50 - 60

Bypass Level Roller Indicator - Plastic

Polypropylene, PVC, PVDF
Model: NBK-15,-16,-17



Measuring length_{range}: 8" ... 13 ft
Specific Gravity_{min}: 0.57
Viscosity_{max}: 200 cPs
t_{max} 176 °F; p_{max} 58 PSIG
Connection: ¾" ... 2" ANSI flange, DN 20 ... 50

Bypass Level Indicator - Cable Design

Polypropylene, stainless steel, PVC
Model: NBK-19



Measuring length_{range}: 8" ... 15.7 ft
Specific Gravity_{min}: 1.0
Viscosity_{max}: 200 cPs
t_{max} 140 °F; p_{max} atmospheric

Displacement Level Meter

Stainless steel, Hastelloy
Model: BA



Measuring length_{range}: 1 ft - 19.7 ft
Specific Gravity_{min}: 0.4 ... 2.0
t_{max} -40 °F to 570 °F; p_{max} 580 PSIG
Connection: 2" ANSI flange, DN 50 flange

Radar Level Sensor

Stainless steel
Model: NRM



Measuring length_{range}: 8" ... 230 ft
t_{max} 752 °F; p_{max} 2,320 PSIG
Connection:
1½" NPT, G 1½, DN 50 - 150 flange

Ultrasonic Level Transmitter

PVDF
Model: NEO



Measuring length_{range}: 6" ... 24.5 ft
t_{max} -40 °F to 140 °F; p_{max} 30 PSIG
Connection: 2" NPT

Ultrasonic Level Transmitter

PVDF
Model: NUS



Measuring length_{max}: 23 ft
t_{max} -40 °F to 176 °F; p_{max} 40 PSIG
Connection: 1½" NPT, 2" NPT

Submersible Pressure Transducer

Stainless steel
Model: KPW



Measuring depth_{max}: 300 PSIG (690 ft water column)
t_{range} 14 ... 175 °F; p_{max} 2 times depth range

Deep Well Probe

Stainless steel
Model: NTB



Measuring depth_{max}: 200 m water column)
t_{range} 14 ... 140 °F

Differential Pressure Transmitter

Stainless steel, Hastelloy
Model: PAD

High Quality - Low Cost



Measuring length_{range}: 30" ... 13 ft
Power supply: 18-45 V_{DC}
Connection: ¾" NPT, ½" NPT
Accuracy: ± 0.075% of measuring range