



Level Measurement/ Monitoring

Magnetic Float Switch
Stainless steel
Model: NCS



Specific Gravity_{min}: 0.65
t_{max} 300 °F; p_{max} 400 PSIG
Connection: 1/2", 1/4" NPT male

Magnetic Float Switch
Polypropylene
Model: NCP



Specific Gravity_{min}: 0.81
t_{max} 225 °F; p_{max} 100 PSIG
Connection: 1/2" NPT male, 1/4" PF male

OEM Level Switch
Stainless steel, polypropylene, PVDF
Model: OEM



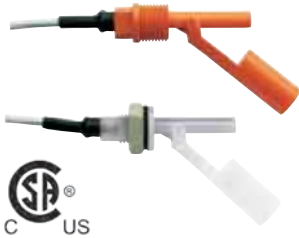
Specific Gravity_{min}: 0.55
t_{max} 250 °F; p_{max} 425 PSIG
Connection: 1/2" NPT male, bulkhead, 1" PF male

Float Bypass Switch
Aluminum, stainless steel
Model: NBA/NBE



Specific Gravity_{min}: 0.65
t_{max} 190 °F; p_{max} 145 PSIG
Connection: G 3/8 female, R 1/2 male

Plastic Level Switch
Polypropylene, PVDF
Model: NKP



Specific Gravity_{min}: 0.6
t_{max} 212 °F; p_{max} 145 PSIG
Connection: 1/2" NPT male, bulkhead

Float Switch
Stainless steel
Model: RFS



Specific Gravity_{min}: 0.7
t_{max} 250 °F; p_{max} 72 PSIG
Connection: 1/2" NPT male

Float Switch
Brass, stainless steel
Model: NV



Specific Gravity_{min}: 0.7
t_{max} 225 °F; p_{max} 230 PSIG
Connection: G 3/4 male, M27x1.5 male

Multipoint Level Switch
Brass, PVC, stainless steel
Model: NCG



Specific Gravity_{min}: 0.55
t_{max} 300 °F; p_{max} 400 PSIG
Connection: 1/2" - 2" NPT male, 3" ANSI flange, 1/2" tube

Miniature Multipoint Level Switch
Brass, stainless steel
Model: NCM



Specific Gravity_{min}: 0.55
t_{max} 300 °F; p_{max} 400 PSIG
Connection: 1/8" - 1" NPT male, 5/16" tube

Float Switch
Polyethylene, polypropylene
Model: NSP, NSM



Specific Gravity_{min}: 0.6
t_{max} 140 °F; p_{max} 30 PSIG
Connection: Cable

Float Switch
Polypropylene, Hypalon
Model: NEC, NNE, NAE/B



Specific Gravity_{min}: 0.5
t_{max} 200 °F; p_{max} 80 PSIG
Connection: Cable

Float Switch
PTFE
Model: NST



Specific Gravity_{min}: 0.85
t_{max} 300 °F; p_{max} 15 PSIG
Connection: Cable

Float Switch
Stainless steel
Model: NSE



Specific Gravity_{min}: 0.8
t_{max} 300 °F; p_{max} 220 PSIG
Connection: 1/2" NPT male

Dual Magnet Float Switch
Stainless steel
Model: NGS



Specific Gravity_{min}: 0.7
t_{max} 480 °F; p_{max} 360 PSIG
Connection: Square flange, DIN-flange, 2" BSP, 2" NPT

Conductive Switch
Fitting: SS, polypropylene, PTFE
Electrode: SS, Hastelloy, titanium
Electrode coating: Polyolefin, PTFE
Model: NEK, NEL



t_{max} 300 °F; p_{max} 440 PSIG
Connection: 1/2", 1 1/2" NPT male

Conductive Suspended Electrodes
Fitting: Polypropylene, PTFE
Electrode: Stainless steel, Hastelloy, titanium
Electrode coating: Neoprene, PVC
Model: NEH



t_{max} 300 °F; p_{max} 90 PSIG
Connection: 1/2", 1 1/2" NPT male



Level Switches

Pneumatic Level Switch
Polypropylene, PVDF
Model: NLP



Tube length: 3.3 feet, 6.6 feet
 t_{max} 158 °F
Connection: G 1 male

Conductive Switch
Polypropylene, PPS
Model: NEK



Conductivity_{min}: 72 μ S/cm
 t_{max} 185 °F; p_{max} 290 PSIG
Connection: 3/4" NPT male, R 3/4 male
Open-Collector or relay

Conductive Switch
Stainless steel, PEEK
Model: LNK



Conductivity_{min}: 10 μ S/cm
 t_{max} 212 °F; p_{max} 145 PSIG
Connection:
G 1/2 male, G 1 male
Electrode length: 8" to 59"

Conductive Switch Compact Probe
Stainless steel, PEEK
Model: LNK-K



Conductivity_{min}: 10 μ S/cm
 t_{max} 212 °F; p_{max} 145 PSIG
Connection: G 1/2

Electrode Relays for Conductive Switches
Model: NE-104, -304



2 limit contacts or
2 Min/Max control switches
Switch capacity: max. 250 V_{AC},
5 A, 600 VA

Head Mounted Transmitter for Conductive Probes
Polycarbonate
Model: LNR



t_{max} 176 °F
Open-Collector

Capacitive Switch for Liquids
Stainless steel, PEEK
Model: LNZ



Dielectric constant_{min}: 20
 t_{max} 212 °F; p_{max} 145 PSIG
Connection: G 1/2 male
Open-Collector

Microwave Switch
Stainless steel, PEEK
Model: LNM



Dielectric constant_{min}: 20
 t_{max} 212 °F; p_{max} 145 PSIG
Connection: G 1/2 male
Open-Collector

Capacitive Switch for Liquids
Stainless steel, PVDF
Model: NCW



Dielectric constant_{min}: 1.5
 t_{max} 194 °F; p_{max} 145 PSIG
Connection: G 1, G 2 male
Adapter: G 1 1/4, G 1 1/2, weld-in sleeve
Relay

Capacitive Switch Liquids - High Temperature
Stainless steel
Model: NCW-H



Dielectric constant_{min}: 1.5
 t_{max} 194 °F; p_{max} 145 PSIG
Connection: G 1 male
Adapter: G 1 1/4, G 1 1/2, weld-in sleeve
Relay

Optical Switch Liquids
Stainless steel, polypropylene
Model: OPT



t_{max} 185 °F; p_{max} 145 PSIG
Connection: 1/2" NPT male, G 1/2 male,
M14 bulkhead
Open-Collector

Optical Level Sensor Liquids
Stainless steel, polysulfone, PFA
Model: TED



t_{max} 230 °F; p_{max} 400 PSIG
Connection: 3/8", 1/2" NPT male

Ultrasonic Switch for Liquids
Stainless steel
Model: NQ



t_{range} -40 °F to 257 °F; p_{max} 1000 PSIG
Connection: 1" NPT male, R 1 male

Vibrating Fork Switch for Liquids
Polypropylene, PPS
Model: NWP



t_{range} -40 °F to 194 °F; p_{max} 150 PSIG
Connection: 3/4" NPT male
Relay output

Vibration Switch for Liquids
Stainless steel
Model: NWS



t_{max} 270 °F; p_{max} 650 PSIG
Viscosity_{max}: 5000 cSt.
Connection: 3/4" and 1" NPT male,
2" Tri-clamp, R 3/4 and R1 male, DIN and
ANSI flanges

Vibration Switch for Liquids - Cable Connection
Stainless steel
Model: NWS-***2F...



t_{max} 270 °F; p_{max} 650 PSIG
Viscosity_{max}: 5000 cSt.
Connection: 3/4" and 1" NPT male,
2" Tri-clamp, R 3/4 and R1 male, DIN and
ANSI flanges
Electrical connection: 5 ft cable



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