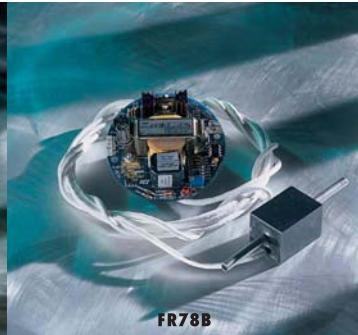




FLT93 FlexSwitch



12-64B and 8-66B



FR78B



NuTec FS2000L

Flow, Level and Temperature Switch Series

FLT93S FlexSwitch® FLT93F FlexSwitch® Insertion Flow/Level/ Temperature Switches	FLT93L Flexswitch® Inline Flow/Level/ Temperature Switch	FLT93C FlexSwitch Insertion Sanitary Flow/Level/Temperature Switch	12-64B Insertion Flow Switch 8-66B Insertion Level/ Interface Switch	FR78B Low Flow Inline Monitor	FR73B Ultra Low Flow Inline Monitor	NuTec® FS2000 Insertion Flow Switch NuTec® LS2000 Insertion Level Switch	NuTec® FS2000L Inline Non-Intrusive Flow Switch
Water-Based Liquids: 0.01 to 3.0 FPS [0.003 to 0.91 MPS]	Water-Based Liquids: .015 to 50 cc/sec. [0.0009 to 3 lps]	Water-Based Liquids: 0.01 to 3.0 FPS [0.003 to 0.9 MPS]	12-64B: Water-Based Liquids: 0.015 to 0.5 FPS [0.005 to 0.15 MPS] Hydrocarbon-Based Liquids: 0.01 to 2.0 FPS [0.003 to 0.61 MPS] Air/Gas: 1.0 to 125 SFPS [0.3 to 38 NMPS]	Water-Based Liquids: 0.08 to 2.25 cc/sec. Hydrocarbon-Based Liquids: 0.05 to 25 cc/sec. Air/Gas: 4.0 to 1500 cc/sec.	Water-Based Liquids: 0.01 to 1.25 cc/min. Hydrocarbon-Based Liquids: 0.04 to 2 cc/min. Air/Gas: 1.0 to 1000 cc/min.	FS2000: Water-Based Liquids: 0.015 to 1.5 FPS [0.045 to 0.45 MPS] Hydrocarbon-Based Liquids: 0.015 to 1.5 FPS [0.045 to 0.45 MPS] Air/Gas: 0.5 to 100 SFPS [0.15 to 30 SMPS]	Water-Based Liquids: 0.03 to 85.5 FPS [0.11 to 324 MPS] Air/Gas: 0.02 to 342 SCFM [0.0006 to 9.70 NCMM]
Air/Gas: 0.25 to 120 SFPS [0.08 to 37 NMPS]	Hydrocarbon-Based Liquids: .033 to 110 cc/sec. [0.002 to 6.6 lps] Air/Gas: 0.6 to 20,000 cc/sec. [0.036 to 1197.6 lps]	Hydrocarbon-Based Liquids: to 5.0 FPS [0.0003 to 1.5 MPS] Air/Gas: 0.25 to 120 SFPS [0.08 to 36.6 SMPS]	8-66B: Point Level/Interface Flow: 10 to 300 seconds Level: From 5.0 seconds	1 to 150 seconds	1 to 150 seconds	LS2000: Point Level/Interface 0.5 to 2.5 seconds	From 0.5 to 2.5 seconds
From 0.5 seconds	From 0.5 seconds	From 0.5 seconds	1" male NPT	0.25" tubing x 1.8" [46 mm] long with 0.028" [0.7 mm] wall thickness; 0.375 and 0.50" tubing available.	0.125" OD tubing x 2" [50 mm] long with 0.028" [0.7 mm] wall thickness.	3/4" male NPT	Standard: Butt weld Optional: Male NPT or sanitary flange
3/4" male NPT, 1" BSP, 1" male NPT; Flange connections and field retractable packing gland assemblies available.	1" male NPT or 3/4" female NPT both ends. Flange connections available.	3/4", 1", 1.5" and 2" sanitary flanges	1.2" [30 mm], 2.0" [51 mm]	5.3" [135 mm]; Custom lengths available.	7.0" ± 0.25" [178 mm ± 6 mm]	2" [51 mm]; 6" [152 mm]; Custom lengths available.	9" [229 mm] male NPT; 6" [152 mm] butt weld or sanitary flange
Standard lengths of 1.2" [30 mm], 2" [51 mm], 4" [102 mm], 6" [152 mm], 9" [229 mm], 12" [305 mm], and 18" [457 mm]; custom lengths available.	3.375" [86 mm]; custom lengths available.	Line Size 3/4" 5.25" [133 mm] 1" 4.75" [121 mm] 1.5" 5.50" [139 mm] 2" 7.00" [177 mm] 2.5" 5.68" [144 mm] 3" 7.50" [190 mm] 4" 9.00" [229 mm]	Standard: Aluminum is rated for hazardous location use (Class I and II, Division I and 2, Group B, C, D, E, F and G; and EEx d IIC) and resists the effect of weather and corrosion. NEMA and CSA Type 4X (meets IP66). Option: Stainless steel	Standard: No enclosure Option: Aluminum is rated for NEMA and CSA Type 4 and resists the effects of weather and corrosion (meets IP66).	Standard: No enclosure Option: Aluminum is rated for NEMA and CSA Type 4 and resists the effects of weather and corrosion (meets IP66).	Standard: Aluminum is rated for general purpose use (Class I and II, Division I and 2, Group B, C, D).	Standard: Weatherproof Optional: Aluminum NEMA Type 4X and hazardous location use (Class I and II, Division I and 2, Group B, C, D, E, F and G; and EEx d IIC)
Standard: Aluminum is rated for hazardous location use (Class I and II, Division I and 2, Group B, C, D, E, F and G; and EEx d IIC) and resists the effect of weather and corrosion. NEMA and CSA Type 4X (meets IP66). Option: Stainless steel	Standard: Aluminum is rated for hazardous location use (Class I and II, Division I and 2, Group B, C, D, E, F and G; and EEx d IIC) and resists the effect of weather and corrosion. NEMA and CSA Type 4X (meets IP66). Option: Stainless steel	Standard: Aluminum is rated for hazardous location use (Class I and II, Division I and 2, Group B, C, D, E, F and G; and EEx d IIC) and resists the effect of weather and corrosion. NEMA and CSA Type 4X (meets IP66). Option: Stainless steel	Temperature: -100° to +350° F [-40° to +177° C] Pressure: to 3000 psig [207 bar(g)]	Temperature: -100° to +350° F [-73° to +177° C] Pressure: to 1000 psig [69 bar(g)]	Temperature: -100° to +350° F [-73° to +177° C] Pressure: to 1000 psig [69 bar(g)]	Temperature: -40° to +250° F [-40° to +121° C] Pressure: to 500 psig [35 bar(g)]	Temperature: -40° to +250° F [-40° to +121° C] Pressure: to 500 psig [35 bar(g)]
Temperature: -40° to +500° F [-40° to +260° C] Option: -100° to +850° F [-73° to +454° C] Pressure: to 3500 psig [241 bar(g)]	Temperature: -40° to +500° F [-40° to +260° C] Pressure: to 2000 psig [138 bar(g)]	Temperature: -40° to +500° F [-40° to +260° C] Pressure: to 2000 psig [138 bar(g)]					